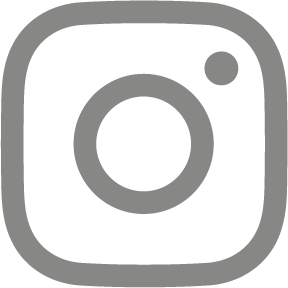
![Immagine che contiene testo

Descrizione generata automaticamente](data:image/png;base64,iVBORw0KGgoAAAANSUhEUgAAD1MAAAfxCAYAAADhOUGtAAAACXBIWXMAAC4jAAAuIwF4pT92AAAgAElEQVR4nOzBAQEAAACAkP6v7ggKAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAACA2bsX24ZhIAqCTKjC3JmVvi0kLeSDkMZ6poF3DSwOAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAgD3edh8AAAAAAAAAAM9mzuMcY9wXTn5c1+NcuAcAAAAAAADwEt53HwAAAAAAAAAAAAAAAAAAAPAfxNQAAAAAAAAAAAAAAAAAAECSmBoAAAAAAAAAAAAAAAAAAEgSUwMAAAAAAAAAAAAAAAAAAEliagAAAAAAAAAAAAAAAAAAIElMDQAAAAAAAAAAAAAAAAAAJImpAQAAAAAAAAAAAAAAAACAJDE1AAAAAAAAAAAAAAAAAACQJKYGAAAAAAAAAAAAAAAAAACSxNQAAAAAAAAAAAAAAAAAAECSmBoAAAAAAAAAAAAAAAAAAEgSUwMAAAAAAAAAAAAAAAAAAEliagAAAAAAAAAAAAAAAAAAIElMDQAAAAAAAAAAAAAAAAAAJImpAQAAAAAAAAAAAAAAAACAJDE1AAAAAAAAAAAAAAAAAACQJKYGAAAAAAAAAAAAAAAAAACSxNQAAAAAAAAAAAAAAAAAAECSmBoAAAAAAAAAAAAAAAAAAEgSUwMAAAAAAAAAAAAAAAAAAEliagAAAAAAAAAAAAAAAAAAIElMDQAAAAAAAAAAAAAAAAAAJImpAQAAAAAAAAAAAAAAAACAJDE1AAAAAAAAAAAAAAAAAACQJKYGAAAAAAAAAAAAAAAAAACSxNQAAAAAAAAAAAAAAAAAAECSmBoAAAAAAAAAAAAAAAAAAEgSUwMAAAAAAAAAAAAAAAAAAEliagAAAAAAAAAAAAAAAAAAIElMDQAAAAAAAAAAAAAAAAAAJImpAQAAAAAAAAAAAAAAAACAJDE1AAAAAAAAAAAAAAAAAACQJKYGAAAAAAAAAAAAAAAAAACSxNQAAAAAAAAAAAAAAAAAAECSmBoAAAAAAAAAAAAAAAAAAEgSUwMAAAAAAAAAAAAAAAAAAEliagAAAAAAAAAAAAAAAAAAIElMDQAAAAAAAAAAAAAAAAAAJImpAQAAAAAAAAAAAAAAAACAJDE1AAAAAAAAAAAAAAAAAACQJKYGAAAAAAAAAAAAAAAAAACSxNQAAAAAAAAAAAAAAAAAAECSmBoAAAAAAAAAAAAAAAAAAEgSUwMAAAAAAAAAAAAAAAAAAEliagAAAAAAAAAAAAAAAAAAIElMDQAAAAAAAAAAAAAAAAAAJImpAQAAAAAAAAAAAAAAAACAJDE1AAAAAAAAAAAAAAAAAACQJKYGAAAAAAAAAAAAAAAAAACSxNQAAAAAAAAAAAAAAAAAAECSmBoAAAAAAAAAAAAAAAAAAEgSUwMAAAAAAAAAAAAAAAAAAEliagAAAAAAAAAAAAAAAAAAIElMDQAAAAAAAAAAAAAAAAAAJImpAQAAAAAAAAAAAAAAAACAJDE1AAAAAAAAAAAAAAAAAACQJKYGAAAAAAAAAAAAAAAAAACSxNQAAAAAAAAAAAAAAAAAAECSmBoAAAAAAAAAAAAAAAAAAEgSUwMAAAAAAAAAAAAAAAAAAEliagAAAAAAAAAAAAAAAAAAIElMDQAAAAAAAAAAAAAAAAAAJImpAQAAAAAAAAAAAAAAAACAJDE1AAAAAAAAAAAAAAAAAACQJKYGAAAAAAAAAAAAAAAAAACSxNQAAAAAAAAAAAAAAAAAAECSmBoAAAAAAAAAAAAAAAAAAEgSUwMAAAAAAAAAAAAAAAAAAEliagAAAAAAAAAAAAAAAAAAIElMDQAAAAAAAAAAAAAAAAAAJImpAQAAAAAAAAAAAAAAAACAJDE1AAAAAAAAAAAAAAAAAACQJKYGAAAAAAAAAAAAAAAAAACSxNQAAAAAAAAAAAAAAAAAAECSmBoAAAAAAAAAAAAAAAAAAEgSUwMAAAAAAAAAAAAAAAAAAEliagAAAAAAAAAAAAAAAAAAIElMDQAAAAAAAAAAAAAAAAAAJImpAQAAAAAAAAAAAAAAAACAJDE1AAAAAAAAAAAAAAAAAACQJKYGAAAAAAAAAAAAAAAAAACSjt0HAAAAAAAAAAAA8DrmPG5jjNuqvet6nKu2AAAAAAB4PmJqAAAAAAAAAAAAVrqNMe4L986FWwAAAAAAPJn33QcAAAAAAAAAAAAAAAAAAAD8BzE1AAAAAAAAAAAAAAAAAACQJKYGAAAAAAAAAAAAAAAAAACSxNQAAAAAAAAAAAAAAAAAAECSmBoAAAAAAAAAAAAAAAAAAEgSUwMAAAAAAAAAAAAAAAAAAEliagAAAAAAAAAAAAAAAAAAIElMDQAAAAAAAAAAAAAAAAAAJImpAQAAAAAAAAAAAAAAAACAJDE1AAAAAAAAAAAAAAAAAACQJKYGAAAAAAAAAAAAAAAAAACSxNQAAAAAAAAAAAAAAAAAAECSmBoAAAAAAAAAAAAAAAAAAEgSUwMAAAAAAAAAAAAAAAAAAEliagAAAAAAAAAAAAAAAAAAIElMDQAAAAAAAAAAAAAAAAAAJImpAQAAAAAAAAAAAAAAAACAJDE1AAAAAAAAAAAAAAAAAACQJKYGAAAAAAAAAAAAAAAAAACSxNQAAAAAAAAAAAAAAAAAAECSmBoAAAAAAAAAAAAAAAAAAEgSUwMAAAAAAAAAAAAAAAAAAEliagAAAAAAAAAAAAAAAAAAIElMDQAAAAAAAAAAAAAAAAAAJImpAQAAAAAAAAAAAAAAAACAJDE1AAAAAAAAAAAAAAAAAACQJKYGAAAAAAAAAAAAAAAAAACSxNQAAAAAAAAAAAAAAAAAAECSmBoAAAAAAAAAAAAAAAAAAEgSUwMAAAAAAAAAAAAAAAAAAEliagAAAAAAAAAAAAAAAAAAIElMDQAAAAAAAAAAAAAAAAAAJImpAQAAAAAAAAAAAAAAAACAJDE1AAAAAAAAAAAAAAAAAACQJKYGAAAAAAAAAAAAAAAAAACSxNQAAAAAAAAAAAAAAAAAAECSmBoAAAAAAAAAAAAAAAAAAEgSUwMAAAAAAAAAAAAAAAAAAEliagAAAAAAAAAAAAAAAAAAIElMDQAAAAAAAAAAAAAAAAAAJImpAQAAAAAAAAAAAAAAAACAJDE1AAAAAAAAAAAAAAAAAACQJKYGAAAAAAAAAAAAAAAAAACSxNQAAAAAAAAAAAAAAAAAAECSmBoAAAAAAAAAAAAAAAAAAEgSUwMAAAAAAAAAAAAAAAAAAEliagAAAAAAAAAAAAAAAAAAIElMDQAAAAAAAAAAAAAAAAAAJImpAQAAAAAAAAAAAAAAAACAJDE1AAAAAAAAAAAAAAAAAACQJKYGAAAAAAAAAAAAAAAAAACSxNQAAAAAAAAAAAAAAAAAAECSmBoAAAAAAAAAAAAAAAAAAEgSUwMAAAAAAAAAAAAAAAAAAEliagAAAAAAAAAAAAAAAAAAIElMDQAAAAAAAAAAAAAAAAAAJImpAQAAAAAAAAAAAAAAAACAJDE1AAAAAAAAAAAAAAAAAACQJKYGAAAAAAAAAAAAAAAAAACSxNQAAAAAAAAAAAAAAAAAAECSmBoAAAAAAAAAAAAAAAAAAEgSUwMAAAAAAAAAAAAAAAAAAEliagAAAAAAAAAAAAAAAAAAIElMDQAAAAAAAAAAAAAAAAAAJImpAQAAAAAAAAAAAAAAAACAJDE1AAAAAAAAAAAAAAAAAACQJKYGAAAAAAAAAAAAAAAAAACSxNQAAAAAAAAAAAAAAAAAAECSmBoAAAAAAAAAAAAAAAAAAEgSUwMAAAAAAAAAAAAAAAAAAEliagAAAAAAAAAAAAAAAAAAIElMDQAAAAAAAAAAAAAAAAAAJImpAQAAAAAAAAAAAAAAAACAJDE1AAAAAAAAAAAAAAAAAACQJKYGAAAAAAAAAAAAAAAAAACSxNQAAAAAAAAAAAAAAAAAAECSmBoAAAAAAAAAAAAAAAAAAEgSUwMAAAAAAAAAAAAAAAAAAEliagAAAAAAAAAAAAAAAAAAIElMDQAAAAAAAAAAAAAAAAAAJB27DwAAAAAAAH5vzuNz4dzHdT3OhXsAAAAAAAAAAAB/4jM1AAAAAAAAAAAAAAAAAACQJKYGAAAAAAAAAAAAAAAAAACSxNQAAAAAAAAAAAAAAAAAAECSmBoAAAAAAAAAAAAAAAAAAEgSUwMAAAAAAAAAAAAAAAAAAEliagAAAAAAAAAAAAAAAAAAIElMDQAAAAAAAAAAAAAAAAAAJImpAQAAAAAAAAAAAAAAAACAJDE1AAAAAAAAAAAAAAAAAACQJKYGAAAAAAAAAAAAAAAAAACSxNQAAAAAAAAAAAAAAAAAAECSmBoAAAAAAAAAAAAAAAAAAEgSUwMAAAAAAAAAAAAAAAAAAEliagAAAAAAAAAAAAAAAAAAIElMDQAAAAAAAAAAAAAAAAAAJImpAQAAAAAAAAAAAAAAAACAJDE1AAAAAAAAAAAAAAAAAACQJKYGAAAAAAAAAAAAAAAAAACSxNQAAAAAAAAAAAAAAAAAAECSmBoAAAAAAAAAAAAAAAAAAEgSUwMAAAAAAAAAAAAAAAAAAEliagAAAAAAAAAAAAAAAAAAIElMDQAAAAAAAAAAAAAAAAAAJImpAQAAAAAAAAAAAAAAAACAJDE1AAAAAAAAAAAAAAAAAACQJKYGAAAAAAAAAAAAAAAAAACSxNQAAAAAAAAAAAAAAAAAAECSmBoAAAAAAAAAAAAAAAAAAEgSUwMAAAAAAAAAAAAAAAAAAEliagAAAAAAAAAAAAAAAAAAIElMDQAAAAAAAAAAAAAAAAAAJImpAQAAAAAAAAAAAAAAAACAJDE1AAAAAAAAAAAAAAAAAACQJKYGAAAAAAAAAAAAAAAAAACSxNQAAAAAAAAAAAAAAAAAAECSmBoAAAAAAAAAAAAAAAAAAEgSUwMAAAAAAAAAAAAAAAAAAEliagAAAAAAAAAAAAAAAAAAIElMDQAAAAAAAAAAAAAAAAAAJImpAQAAAAAAAAAAAAAAAACAJDE1AAAAAAAAAAAAAAAAAACQJKYGAAAAAAAAAAAAAAAAAACSxNQAAAAAAAAAAAAAAAAAAECSmBoAAAAAAAAAAAAAAAAAAEgSUwMAAAAAAAAAAAAAAAAAAEliagAAAAAAAAAAAAAAAAAAIElMDQAAAAAAAAAAAAAAAAAAJImpAQAAAAAAAAAAAAAAAACAJDE1AAAAAAAAAFoV5oAAACAASURBVAAAAAAAAACQJKYGAAAAAAAAAAAAAAAAAACSxNQAAAAAAAAAAAAAAAAAAECSmBoAAAAAAAAAAAAAAAAAAEgSUwMAAAAAAAAAAAAAAAAAAEliagAAAAAAAAAAAAAAAAAAIElMDQAAAAAAAAAAAAAAAAAAJImpAQAAAAAAAAAAAAAAAACAJDE1AAAAAAAAAAAAAAAAAACQJKYGAAAAAAAAAAAAAAAAAACSxNQAAAAAAAAAAAAAAAAAAECSmBoAAAAAAAAAAAAAAAAAAEgSUwMAAAAAAAAAAAAAAAAAAEliagAAAAAAAAAAAAAAAAAAIElMDQAAAAAAAAAAAAAAAAAAJImpAQAAAAAAAAAAAAAAAACAJDE1AAAAAAAAAAAAAAAAAACQJKYGAAAAAAAAAAAAAAAAAACSxNQAAAAAAAAAAAAAAAAAAECSmBoAAAAAAAAAAAAAAAAAAEgSUwMAAAAAAAAAAAAAAAAAAEliagAAAAAAAAAAAAAAAAAAIElMDQAAAAAAAAAAAAAAAAAAJImpAQAAAAAAAAAAAAAAAACAJDE1AAAAAAAAAAAAAAAAAACQJKYGAAAAAAAAAAAAAAAAAACSxNQAAAAAAAAAAAAAAAAAAECSmBoAAAAAAAAAAAAAAAAAAEgSUwMAAAAAAAAAAAAAAAAAAEliagAAAAAAAAAAAAAAAAAAIElMDQAAAAAAAAAAAAAAAAAAJImpAQAAAAAAAAAAAAAAAACApGP3AQAAAAAAvK45j8/dN/Aj9zmP++4jAAAAAAAAAAAAvstnagAAAAAAAAAAAAAAAAAAIElMDQAAAAAAAAAAAAAAAAAAJImpAQAAAAAAAAAAAAAAAACAJDE1AAAAAAAAAAAAAAAAAACQJKYGAAAAAAAAAAAAAAAAAACSxNQAAAAAAAAAAAAAAAAAAECSmBoAAAAAAAAAAAAAAPhi345OEAaiKIguJn1pZ8bOtC8DFiFmcXJOA+/C+x4AAIAkMTUAAAAAAAAAAAAAAAAAAJAkpgYAAAAAAAAAAAAAAAAAAJLE1AAAAAAAAAAAAAAAAAAAQJKYGgAAAAAAAAAAAAAAAAAASBJTAwAAAAAAAAAAAAAAAAAASWJqAAAAAAAAAAAAAAAAAAAgSUwNAAAAAAAAAAAAAAAAAAAkiakBAAAAAAAAAAAAAAAAAIAkMTUAAAAAAAAAAAAAAAAAAJAkpgYAAAAAAAAAAAAAAAAAAJLE1AAAAAAAAAAAAAAAAAAAQJKYGgAAAAAAAAAAAAAAAAAASBJTAwAAAAAAAAAAAAAAAAAASWJqAAAAAAAAAAAAAAAAAAAgSUwNAAAAAAAAAAAAAAAAAAAkiakBAAAAAAAAAAAAAAAAAIAkMTUAAAAAAAAAAAAAAAAAAJAkpgYAAAAAAAAAAAAAAAAAAJLE1AAAAAAAAAAAAAAAAAAAQNI6ewAAAAAAAKf2mD0g4H7grecY43XgPQCY6TrGuM0eAQAAAAAAAMB3xNQAAAAAAEyz7+9t9oZ/tyzrkTH1y88AOItlWbchpgYAAAAAAAD4e5fZAwAAAAAAAAAAAAAAAAAAAH5BTA0AAAAAAAAAAAAAAAAAACSJqQEAAAAAAAAAAAAAAAAAgCQxNQAAAAAAAAAAAAAAAAAAkCSmBgAAAAAAAAAAAAAAAAAAksTUAAAAAAAAAAAAAAAAAABAkpgaAAAAAAAAAAAAAAAAAABIElMDAAAAAAAAAAAAAAAAAABJYmoAAAAAAAAAAAAAAAAAACBJTA0AAAAAAAAAAAAAAAAAACSJqQEAAAAAAAAAAAAAAAAAgCQxNQAAAAAAAAAAAAAAAAAAkCSmBgAAAAAAAAAAAAAAAAAAksTUAAAAAAAAAAAAAAAAAABAkpgaAAAAAAAAAAAAAAAAAABIElMDAAAAAAAAAAAAAAAAAABJYmoAAAAAAAAAAAAAAAAAACBJTA0AAAAAAAAAAAAAAAAAACSJqQEAAAAAAAAAAAAAAAAAgCQxNQAAAAAAAAAAAAAAAAAAkCSmBgAAAAAAAAAAAAAAAAAAksTUAAAAAAAAAAAAAAAAAABAkpgaAAAAAAAAAAAAAAAAAABIElMDAAAAAAAAAAAAAAAAAABJYmoAAAAAAAAAAAAAAAAAACBJTA0AAAAAAAAAAAAAAAAAACSJqQEAAAAAAAAAAAAAAAAAgCQxNQAAAAAAAAAAAAAAAAAAkCSmBgAAAAAAAAAAAAAAAAAAksTUAAAAAAAAAAAAAAAAAABAkpgaAAAAAAAAAAAAAAAAAABIElMDAAAAAAAAAAAAAAAAAABJYmoAAAAAAAAAAAAAAAAAACBJTA0AAAAAAAAAAAAAAAAAACSJqQEAAAAAAAAAAAAAAAAAgCQxNQAAAAAAAAAAAAAAAAAAkCSmBgAAAAAAAAAAAAAAAAAAksTUAAAAAAAAAAAAAAAAAABAkpgaAAAAAAAAAAAAAAAAAABIElMDAAAAAAAAAAAAAAAAAABJYmoAAAAAAAAAAAAAAAAAACBJTA0AAAAAAAAAAAAAAAAAACSJqQEAAAAAAAAAAAAAAAAAgCQxNQAAAAAAAAAAAAAAAAAAkCSmBgAAAAAAAAAAAAAAAAAAksTUAAAAAAAAAAAAAAAAAABAkpgaAAAAAAAAAAAAAAAAAABIElMDAAAAAAAAAAAAAAAAAABJYmoAAAAAAAAAAAAAAAAAACBJTA0AAAAAAAAAAAAAAAAAACSJqQEAAAAAAAAAAAAAAAAAgCQxNQAAAAAAAAAAAAAAAAAAkCSmBgAAAAAAAAAAAAAAAAAAksTUAAAAAAAAAAAAAAAAAABAkpgaAAAAAAAAAAAAAAAAAABIElMDAAAAAAAAAAAAAAAAAABJYmoAAAAAAAAAAAAAAAAAACBJTA0AAAAAAAAAAAAAAAAAACSJqQEAAAAAAAAAAAAAAAAAgCQxNQAAAAAAAAAAAAAAAAAAkCSmBgAAAAAAAAAAAAAAAAAAksTUAAAAAAAAAAAAAAAAAABAkpgaAAAAAAAAAAAAAAAAAABIElMDAAAAAAAAAAAAAAAAAABJYmoAAAAAAAAAAAAAAAAAACBJTA0AAAAAAAAAAAAAAAAAACSJqQEAAAAAAAAAAAAAAAAAgCQxNQAAAAAAAAAAAAAAAAAAkCSmBgAAAAAAAAAAAAAAAAAAksTUAAAAAAAAAAAAAAAAAABAkpgaAAAAAAAAAAAAAAAAAABIElMDAAAAAAAAAAAAAAAAAABJYmoAAAAAAAAAAAAAAAAAACBJTA0AAAAAAAAAAAAAAAAAACSJqQEAAAAAAAAAAAAAAAAAgCQxNQAAAAAAAAAAAAAAAAAAkCSmBgAAAAAAAAAAAAAAAAAAksTUAAAAAAAAAAAAAAAAAABAkpgaAAAAAAAAAAAAAAAAAABIElMDAAAAAAAAAAAAAAAAAABJYmoAAAAAAAAAAAAAAAAAACBJTA0AAAAAAAAAAAAAAAAAACSJqQEAAAAAAAAAAAAAAAAAgCQxNQAAAAAAAAAAAAAAAAAAkCSmBgAAAAAAAAAAAAAAAAAAksTUAAAAAAAAAAAAAAAAAABAkpgaAAAAAAAAAAAAAAAAAABIElMDAAAAAAAAAAAAAAAAAABJYmoAAAAAAAAAAAAAAAAAACBJTA0AAAAAAAAAAAAAAAAAACSJqQEAAAAAAAAAAAAAAAAAgCQxNQAAAAAAAAAAAAAAAAAAkCSmBgAAAAAAAAAAAAAAAAAAksTUAAAAAAAAAAAAAAAAAABAkpgaAAAAAAAAAAAAAAAAAABIElMDAAAAAAAAAAAAAAAAAABJYmoAAAAAAAAAAAAAAAAAACBJTA0AAAAAAAAAAAAAAAAAACSJqQEAAAAAAAAAAAAAAAAAgCQxNQAAAAAAAAAAAAAAAAAAkCSmBgAAAAAAAAAAAAAAAAAAksTUAAAAAAAAAAAAAAAAAABAkpgaAAAAAAAAAAAAAAAAAABIElMDAAAAAAAAAAAAAAAAAABJYmoAAAAAAAAAAAAAAAAAACBJTA0AAAAAAAAAAAAAAAAAACSJqQEAAAAAAAAAAAAAAAAAgCQxNQAAAAAAAAAAAAAAAAAAkCSmBgAAAAAAAAAAAAAAAAAAksTUAAAAAAAAAAAAAAAAAABAkpgaAAAAAAAAAAAAAAAAAABIElMDAAAAAAAAAAAAAAAAAABJYmoAAAAAAAAAAAAAAAAAACBJTA0AAAAAAAAAAAAAAAAAACSJqQEAAAAAAAAAAAAAAAAAgCQxNQAAAAAAAAAAAAAAAAAAkCSmBgAAAAAAAAAAAAAAAAAAksTUAAAAAAAAAAAAAAAAAABAkpgaAAAAAAAAAAAAAAAAAABIElMDAAAAAAAAAAAAAAAAAABJYmoAAAAAAAAAAAAAAAAAACBJTA0AAAAAAAAAAAAAAAAAACSJqQEAAAAAAAAAAAAAAAAAgCQxNQAAAAAAAAAAAAAAAAAAkCSmBgAAAAAAAAAAAAAAAAAAksTUAAAAAAAAAAAAAAAAAABAkpgaAAAAAAAAAAAAAAAAAABIElMDAAAAAAAAAAAAAAAAAABJYmoAAAAAAAAAAAAAAAAAACBJTA0AAAAAAAAAAAAAAAAAACSJqQEAAAAAAAAAAAAAAAAAgCQxNQAAAAAAAAAAAAAAAAAAkCSmBgAAAAAAAAAAAAAAAAAAksTUAAAAAAAAAAAAAAAAAABAkpgaAAAAAAAAAAAAAAAAAABIElMDAAAAAAAAAAAAAAAAAABJYmoAAAAAAAAAAAAAAAAAACBJTA0AAAAAAAAAAAAAAAAAACSJqQEAAAAAAAAAAAAAAAAAgCQxNQAAAAAAAAAAAAAAAAAAkCSmBgAAAAAAAAAAAAAAAAAAksTUAAAAAAAAAAAAAAAAAABAkpgaAAAAAAAAAAAAAAAAAABIElMDAAAAAAAAAAAAAAAAAABJYmoAAAAAAAAAAAAAAAAAACBJTA0AAAAAAAAAAAAAAAAAACSJqQEAAAAAAAAAAAAAAAAAgCQxNQAAAAAAAAAAAAAAAAAAkCSmBgAAAAAAAAAAAAAAAAAAksTUAAAAAAAAAAAAAAAAAABAkpgaAAAAAAAAAAAAAAAAAABIElMDAAAAAAAAAAAAAAAAAABJYmoAAAAAAAAAAAAAAAAAACBJTA0AAAAAAAAAAAAAAAAAACSJqQEAAAAAAAAAAAAAAAAAgCQxNQAAAAAAAAAAAAAAAAAAkCSmBgAAAAAAAAAAAAAAAAAAksTUAAAAAAAAAAAAAAAAAABAkpgaAAAAAAAAAAAAAAAAAABIElMDAAAAAAAAAAAAAAAAAABJYmoAAAAAAAAAAAAAAAAAACBJTA0AAAAAAAAAAAAAAAAAACSJqQEAAAAAAAAAAAAAAAAAgCQxNQAAAAAAAAAAAAAAAAAAkCSmBgAAAAAAAAAAAAAAAAAAksTUAAAAAAAAAAAAAAAAAABAkpgaAAAAAAAAAAAAAAAAAABIElMDAAAAAAAAAAAAAAAAAABJYmoAAAAAAAAAAAAAAAAAACBJTA0AAAAAAAAAAAAAAAAAACSJqQEAAAAAAAAAAAAAAAAAgCQxNQAAAAAAAAAAAAAAAAAAkCSmBgAAAAAAAAAAAAAAAAAAksTUAAAAAAAAAAAAAAAAAABAkpgaAAAAAAAAAAAAAAAAAABIElMDAAAAAAAAAAAAAAAAAABJYmoAAAAAAAAAAAAAAAAAACBJTA0AAAAAAAAAAAAAAAAAACSJqQEAAAAAAAAAAAAAAAAAgCQxNQAAAAAAAAAAAAAAAAAAkCSmBgAAAAAAAAAAAAAAAAAAksTUAAAAAAAAAAAAAAAAAABAkpgaAAAAAAAAAAAAAAAAAABIElMDAAAAAAAAAAAAAAAAAABJYmoAAAAAAAAAAAAAAAAAACBJTA0AAAAAAAAAAAAAAAAAACSJqQEAAAAAAAAAAAAAAAAAgCQxNQAAAAAAAAAAAAAAAAAAkCSmBgAAAAAAAAAAAAAAAAAAksTUAAAAAAAAAAAAAAAAAABAkpgaAAAAAAAAAAAAAAAAAABIElMDAAAAAAAAAAAAAAAAAABJYmoAAAAAAAAAAAAAAAAAACBJTA0AAAAAAAAAAAAAAAAAACSJqQEAAAAAAAAAAAAAAAAAgCQxNQAAAAAAAAAAAAAAAAAAkCSmBgAAAAAAAAAAAAAAAAAAksTUAAAAAAAAAAAAAAAAAABAkpgaAAAAAAAAAAAAAAAAAABIElMDAAAAAAAAAAAAAAAAAABJYmoAAAAAAAAAAAAAAAAAACBJTA0AAAAAAAAAAAAAAAAAACSJqQEAAAAAAAAAAAAAAAAAgCQxNQAAAAAAAAAAAAAAAAAAkCSmBgAAAAAAAAAAAAAAAAAAksTUAAAAAAAAAAAAAAAAAABAkpgaAAAAAAAAAAAAAAAAAABIElMDAAAAAAAAAAAAAAAAAABJYmoAAAAAAAAAAAAAAAAAACBJTA0AAAAAAAAAAAAAAAAAACSJqQEAAAAAAAAAAAAAAAAAgCQxNQAAAAAAAAAAAAAAAAAAkCSmBgAAAAAAAAAAAAAAAAAAksTUAAAAAAAAAAAAAAAAAABAkpgaAAAAAAAAAAAAAAAAAABIElMDAAAAAAAAAAAAAAAAAABJYmoAAAAAAAAAAAAAAAAAACBJTA0AAAAAAAAAAAAAAAAAACSJqQEAAAAAAAAAAAAAAAAAgCQxNQAAAAAAAAAAAAAAAAAAkCSmBgAAAAAAAAAAAAAAAAAAksTUAAAAAAAAAAAAAAAAAABAkpgaAAAAAAAAAAAAAAAAAABIElMDAAAAAAAAAAAAAAAAAABJYmoAAAAAAAAAAAAAAAAAACBJTA0AAAAAAAAAAAAAAAAAACSJqQEAAAAAAAAAAAAAAAAAgCQxNQAAAAAAAAAAAAAAAAAAkCSmBgAAAAAAAAAAAAAAAAAAksTUAAAAAAAAAAAAAAAAAABAkpgaAAAAAAAAAAAAAAAAAABIElMDAAAAAAAAAAAAAAAAAABJYmoAAAAAAAAAAAAAAAAAACBJTA0AAAAAAAAAAAAAAAAAACSJqQEAAAAAAAAAAAAAAAAAgCQxNQAAAAAAAAAAAAAAAAAAkCSmBgAAAAAAAAAAAAAAAAAAksTUAAAAAAAAAAAAAAAAAABAkpgaAAAAAAAAAAAAAAAAAABIElMDAAAAAAAAAAAAAAAAAABJYmoAAAAAAAAAAAAAAAAAACBJTA0AAAAAAAAAAAAAAAAAACSJqQEAAAAAAAAAAAAAAAAAgCQxNQAAAAAAAAAAAAAAAAAAkCSmBgAAAAAAAAAAAAAAAAAAksTUAAAAAAAAAAAAAAAAAABAkpgaAAAAAAAAAAAAAADgw94d3DYMAwEQpCP3lXQWuzOnLxFxDwZCReuZBu5+9+GCAABAkpgaAAAAAAAAAAAAAAAAAABIElMDAAAAAAAAAAAAAAAAAABJYmoAAAAAAAAAAAAAAAAAACBJTA0AAAAAAAAAAAAAAAAAACSJqQEAAAAAAAAAAAAAAAAAgCQxNQAAAAAAAAAAAAAAAAAAkCSmBgAAAAAAAAAAAAAAAAAAksTUAAAAAAAAAAAAAAAAAABAkpgaAAAAAAAAAAAAAAAAAABIElMDAAAAAAAAAAAAAAAAAABJYmoAAAAAAAAAAAAAAAAAACBJTA0AAAAAAAAAAAAAAAAAACSJqQEAAAAAAAAAAAAAAAAAgCQxNQAAAAAAAAAAAAAAAAAAkCSmBgAAAAAAAAAAAAAAAAAAksTUAAAAAAAAAAAAAAAAAABAkpgaAAAAAAAAAAAAAAAAAABIElMDAAAAAAAAAAAAAAAAAABJYmoAAAAAAAAAAAAAAAAAACBJTA0AAAAAAAAAAAAAAAAAACSJqQEAAAAAAAAAAAAAAAAAgCQxNQAAAAAAAAAAAAAAAAAAkCSmBgAAAAAAAAAAAAAAAAAAksTUAAAAAAAAAAAAAAAAAABAkpgaAAAAAAAAAAAAAAAAAABIElMDAAAAAAAAAAAAAAAAAABJYmoAAAAAAAAAAAAAAAAAACBJTA0AAAAAAAAAAAAAAAAAACSJqQEAAAAAAAAAAAAAAAAAgCQxNQAAAAAAAAAAAAAAAAAAkCSmBgAAAAAAAAAAAAAAAAAAksTUAAAAAAAAAAAAAAAAAABAkpgaAAAAAAAAAAAAAAAAAABIElMDAAAAAAAAAAAAAAAAAABJYmoAAAAAAAAAAAAAAAAAACDpcvQCAAAAAADA67bt+rtw3GOM8bNwHgAc6XOM8bVw3mO4swC8j9V39r5wVtKc++3oHQAAAAAAXiWmBgAAAACAE1scUwMAAABvaM7dW0MAAAAA4LQ+jl4AAAAAAAAAAAAAAAAAAADgL4ipAQAAAAAAAAAAAAAAAACAJDE1AAAAAAAAAAAAAAAAAACQJKYGAAAAAAAAAAAAAAAAAACSxNQAAAAAAAAAAAAAAAAAAECSmBoAAAAAAAAAAAAAAAAAAEgSUwMAAAAAAAAAAAAAAAAAAEliagAAAAAAAAAAAAAAAAAAIElMDQAAAAAAAAAAAAAAAAAAJImpAQAAAAAAAAAAAAAAAACAJDE1AAAAAAAAAAAAAAAAAACQJKYGAAAAAAAAAAAAAAAAAACSxNQAAAAAAAAAAAAAAAAAAECSmBoAAAAAAAAAAAAAAAAAAEgSUwMAAAAAAAAAAAAAAAAAAEliagAAAAAAAAAAAAAAAAAAIElMDQAAAAAAAAAAAAAAAAAAJImpAQAAAAAAAAAAAAAAAACAJDE1AAAAAAAAAAAAAAAAAACQJKYGAAAAAAAAAAAAAAAAAACSxNQAAAAAAAAAAAAAAAAAAECSmBoAAAAAAAAAAAAAAAAAAEgSUwMAAAAAAAAAAAAAAAAAAEliagAAAAAAAAAAAAAAAAAAIElMDQAAAAAAAAAAAAAAAAAAJImpAQAAAAAAAAAAAAAAAACApOvRCwAAAAAAAKdxn3O/Hb0EAKywbdfbGON74Uh3FoC3sfrOzrlfVs0CAAAAAOD/8TM1AAAAAAAAAAAAAAAAAACQJKYGAAAAAAAAAAAAAAAAAACSxNQAAAAAAAAAAAAAAAAAAECSmBoAAAAAAAAAAAAAAAAAAEgSUwMAAAAAAAAAAAAAAAAAAEliagAAAAAAAAAAAAAAAAAAIElMDQAAAAAAAAAAAAAAAAAAJImpAQAAAAAAAAAAAAAAAACAJDE1AAAAAAAAAAAAAAAAAACQJKYGAAAAAAAAAAAAAAAAAACSxNQAAAAAAAAAAAAAAAAAAECSmBoAAAAAAAAAAAAAAAAAAEgSUwMAAAAAAAAAAAAAAAAAAEliagAAAAAAAAAAAAAAAAAAIElMDQAAAAAAAAAAAAAAAAAAJImpAQAAAAAAAAAAAAAAAACAJDE1AAAAAAAAAAAAAAAAAACQJKYGAAAAAAAAAAAAAAAAAACSxNQAAAAAAAAAAAAAAAAAAECSmBoAAAAAAAAAAAAAAAAAAEgSUwMAAAAAAAAAAAAAAAAAAEliagAAAAAAAAAAAAAAAAAAIElMDQAAAAAAAAAAAAAAAAAAJImpAQAAAAAAAAAAAAAAAACAJDE1AAAAAAAAAAAAAAAAAACQJKYGAAAAAAAAAAAAAAAAAACSxNQAAAAAAAAAAAAAAAAAAECSmBoAAAAAAAAAAAAAAAAAAEgSUwMAAAAAAAAAAAAAAAAAAEliagAAAAAAAAAAAAAAAAAAIElMDQAAAAAAAAAAAAAAAAAAJImpAQAAAAAAAAAAAAAAAACAJDE1AAAAAAAAAAAAAAAAAACQJKYGAAAAAAAAAAAAAAAAAACSxNQAAAAAAAAAAAAAAAAAAECSmBoAAAAAAAAAAAAAAAAAAEgSUwMAAAAAAAAAAAAAAAAAAEliagAAAAAAAAAAAAAAAAAAIElMDQAAAAAAAAAAAAAAAAAAJImpAQAAAAAAAAAAAAAAAACAJDE1AAAAAAAAAAAAAAAAAACQJKYGAAAAAAAAAAAAAAAAAACSxNQAAAAAAAAAAAAAAAAAAECSmBoAAAAAAAAAAAAAAAAAAEgSUwMAAAAAAAAAAAAAAAAAAEliagAAAAAAAAAAAAAAAAAAIElMDQAAAAAAAAAAAAAAAAAAJImpAQAAAAAAAAAAAAAAAACAJDE1AAAAAAAAAAAAAAAAAACQJKYGAAAAAAAAAAAAAAAAAACSxNQAAAAAAAAAAAAAAAAAAECSmBoAAAAAAAAAAAAAAAAAAEgSUwMAAAAAAAAAAAAAAAAAAEliagAAAAAAAAAAAAAAAAAAIElMDQAAAAAAAAAAAAAAAAAAJImpAQAAAAAAAAAAAAAAAACAJDE1AAAAAAAAAAAAAAAAAACQJKYGAAAAAAAAAAAAAAAAAACSxNQAAAAAAAAAAAAAAAAAAECSmBoAAAAAAAAAAAAAAAAAAEgSUwMAAAAAAAAAAAAAAAAAAEliagAAAAAAAAAAAAAAAAAAIElMDQAAAAAAAAAAAAAAAAAAJImpAQAAAAAAAAAAAAAAAACAJDE1AAAAAAAAAAAAAAAAAACQJKYGAAAAAAAAAAAAAAAAAACSxNQAAAAAAAAAAAAAAAAAAECSmBoAAAAAAAAAAAAAAAAAAEgSUwMAAAAAAAAAAAAAAAAAAEliagAAAAAAAAAAAAAAAAAAIElMDQAAAAAAAAAAAAAAAAAAJImpAQAAAAAAAAAAAAAAAACAJDE1AAAAAAAAAAAAAAAAAACQJKYGAAAAAAAAAAAAAAAAAACSxNQAAAAAAAAAAAAAAAAAAECSmBoAAAAAAAAAAAAAAAAAAEgSUwMAAAAAAAAAAAAAAAAAAEliagAAAAAAAAAAAAAAAAAAIElMDQAAAAAAAAAAAAAAAAAAJImpAQAAAAAAAAAAAAAAAACAJDE1AAAAAAAAAAAAAAAAAACQJKYGAAAAAAAAEjO+ygAAIABJREFUAAAAAAAAAACSxNQAAAAAAAAAAAAAAAAAAECSmBoAAAAAAAAAAAAAAAAAAEgSUwMAAAAAAAAAAAAAAAAAAEliagAAAAAAAAAAAAAAAAAAIElMDQAAAAAAAAAAAAAAAAAAJImpAQAAAAAAAAAAAAAAAACAJDE1AAAAAAAAAAAAAAAAAACQJKYGAAAAAAAAAAAAAAAAAACSxNQAAAAAAAAAAAAAAAAAAECSmBoAAAAAAAAAAAAAAAAAAEgSUwMAAAAAAAAAAAAAAAAAAEliagAAAAAAAAAAAAAAAAAAIElMDQAAAAAAAAAAAAAAAAAAJImpAQAAAAAAAAAAAAAAAACAJDE1AAAAAAAAAAAAAAAAAACQJKYGAAAAAAAAAAAAAAAAAACSxNQAAAAAAAAAAAAAAAAAAECSmBoAAAAAAAAAAAAAAAAAAEgSUwMAAAAAAAAAAAAAAAAAAEliagAAAAAAAAAAAAAAAAAAIElMDQAAAAAAAAAAAAAAAAAAJImpAQAAAAAAAAAAAAAAAACAJDE1AAAAAAAAAAAAAAAAAACQJKYGAAAAAAAAAAAAAAAAAACSxNQAAAAAAAAAAAAAAAAAAECSmBoAAAAAAAAAAAAAAAAAAEgSUwMAAAAAAAAAAAAAAAAAAEliagAAAAAAAAAAAAAAAAAAIElMDQAAAAAAAAAAAAAAAAAAJImpAQAAAAAAAAAAAAAAAACAJDE1AAAAAAAAAAAAAAAAAACQJKYGAAAAAAAAAAAAAAAAAACSxNQAAAAAAAAAAAAAAAAAAECSmBoAAAAAAAAAAAAAAAAAAEgSUwMAAAAAAAAAAAAAAAAAAEliagAAAAAAAAAAAAAAAAAAIElMDQAAAAAAAAAAAAAAAAAAJImpAQAAAAAAAAAAAAAAAACAJDE1AAAAAAAAAAAAAAAAAACQJKYGAAAAAAAAAAAAAAAAAACSxNQAAAAAAAAAAAAAAAAAAECSmBoAAAAAAAAAAAAAAAAAAEgSUwMAAAAAAAAAAAAAAAAAAEliagAAAAAAAAAAAAAAAAAAIElMDQAAAAAAAAAAAAAAAAAAJImpAQAAAAAAAAAAAAAAAACAJDE1AAAAAAAAAAAAAAAAAACQJKYGAAAAAAAAAAAAAAAAAACSxNQAAAAAAAAAAAAAAAAAAECSmBoAAAAAAAAAAAAAAAAAAEgSUwMAAAAAAAAAAAAAAAAAAEliagAAAAAAAAAAAAAAAAAAIElMDQAAAAAAAAAAAAAAAAAAJImpAQAAAAAAAAAAAAAAAACAJDE1AAAAAAAAAAAAAAAAAACQJKYGAAAAAAAAAAAAAAAAAACSxNQAAAAAAAAAAAAAAAAAAECSmBoAAAAAAAAAAAAAAAAAAEgSUwMAAAAAAAAAAAAAAAAAAEliagAAAAAAAAAAAAAAAAAAIElMDQAAAAAAAAAAAAAAAAAAJImpAQAAAAAAAAAAAAAAAACAJDE1AAAAAAAAAAAAAAAAAACQJKYGAAAAAAAAAAAAAAAAAACSxNQAAAAAAAAAAAAAAAAAAECSmBoAAAAAAAAAAAAAAAAAAEgSUwMAAAAAAAAAAAAAAAAAAEliagAAAAAAAAAAAAAAAAAAIElMDQAAAAAAAAAAAAAAAAAAJImpAQAAAAAAAAAAAAAAAACAJDE1AAAAAAAAAAAAAAAAAACQJKYGAAAAAAAAAAAAAAAAAACSxNQAAAAAAAAAAAAAAAAAAECSmBoAAAAAAAAAAAAAAAAAAEgSUwMAAAAAAAAAAAAAAAAAAEliagAAAAAAAAAAAAAAAAAAIElMDQAAAAAAAAAAAAAAAAAAJImpAQAAAAAAAAAAAAAAAACAJDE1AAAAAAAAAAAAAAAAAACQJKYGAAAAAAAAAAAAAAAAAACSxNQAAAAAAAAAAAAAAAAAAECSmBoAAAAAAAAAAAAAAAAAAEgSUwMAAAAAAAAAAAAAAAAAAEliagAAAAAAAAAAAAAAAAAAIElMDQAAAAAAAAAAAAAAAAAAJImpAQAAAAAAAAAAAAAAAACAJDE1AAAAAAAAAAAAAAAAAACQJKYGAAAAAAAAAAAAAAAAAACSxNQAAAAAAAAAAAAAAAAAAECSmBoAAAAAAAAAAAAAAAAAAEgSUwMAAAAAAAAAAAAAAAAAAEliagAAAAAAAAAAAAAAAAAAIElMDQAAAAAAAAAAAAAAAAAAJImpAQAAAAAAAAAAAAAAAACAJDE1AAAAAAAAAAAAAAAAAACQJKYGAAAAAAAAAAAAAAAAAACSxNQAAAAAAAAAAAAAAAAAAECSmBoAAAAAAAAAAAAAAAAAAEgSUwMAAAAAAAAAAAAAAAAAAEliagAAAAAAAAAAAAAAAAAAIElMDQAAAAAAAAAAAAAAAAAAJImpAQAAAAAAAAAAAAAAAACAJDE1AAAAAAAAAAAAAAAAAACQJKYGAAAAAAAAAAAAAAAAAACSxNQAAAAAAAAAAAAAAAAAAECSmBoAAAAAAAAAAAAAAAAAAEgSUwMAAAAAAAAAAAAAAAAAAEliagAAAAAAAAAAAAAAAAAAIElMDQAAAAAAAAAAAAAAAAAAJImpAQAAAAAAAAAAAAAAAACAJDE1AAAAAAAAAAAAAAAAAACQJKYGAAAAAAAAAAAAAAAAAACSxNQAAAAAAAAAAAAAAAAAAECSmBoAAAAAAAAAAAAAAAAAAEgSUwMAAAAAAAAAAAAAAAAAAEliagAAAAAAAAAAAAAAAAAAIElMDQAAAAAAAAAAAAAAAAAAJImpAQAAAAAAAAAAAAAAAACAJDE1AAAAAAAAAAAAAAAAAACQJKYGAAAAAAAAAAAAAAAAAACSxNQAAAAAAAAAAAAAAAAAAECSmBoAAAAAAAB4sncHRwgCURQEEck/JgJjS+8evMHq0J3AvgD+1AIAAAAAAAAAJImpAQAAAAAAAAAAAAAAAACAJDE1AAAAAAAAAAAAAAAAAACQJKYGAAAAAAAAAAAAAAAAAACSxNQAAAAAAAAAAAAAAAAAAECSmBoAAAAAAAAAAAAAAAAAAEgSUwMAAAAAAAAAAAAAAAAAAEliagAAAAAAAAAAAAAAAAAAIElMDQAAAAAAAAAAAAAAAAAAJImpAQAAAAAAAAAAAAAAAACAJDE1AAAAAAAAAAAAAAAAAACQJKYGAAAAAAAAAAAAAAAAAACSxNQAAAAAAAAAAAAAAAAAAECSmBoAAAAAAAAAAAAAAAAAAEgSUwMAAAAAAAAAAAAAAAAAAEliagAAAAAAAAAAAAAAAAAAIElMDQAAAAAAAAAAAAAAAAAAJImpAQAAAAAAAAAAAAAAAACAJDE1AAAAAAAAAAAAAAAAAACQJKYGAAAAAAAAAAAAAAAAAACSxNQAAAAAAAAAAAAAAAAAAECSmBoAAAAAAAAAAAAAAAAAAEgSUwMAAAAAAAAAAAAAAAAAAEliagAAAAAAAAAAAAAAAAAAIElMDQAAAAAAAAAAAAAAAAAAJImpAQAAAAAAAAAAAAAAAACAJDE1AAAAAAAAAAAAAAAAAACQJKYGAAAAAAAAAAAAAAAAAACSxNQAAAAAAAAAAAAAAAAAAECSmBoAAAAAAAAAAAAAAAAAAEgSUwMAAAAAAAAAAAAAAAAAAEliagAAAAAAAAAAAAAAAAAAIElMDQAAAAAAAAAAAAAAAAAAJImpAQAAAAAAAAAAAAAAAACAJDE1AAAAAAAAAAAAAAAAAACQJKYGAAAAAAAAAAAAAAAAAACSxNQAAAAAAAAAAAAAAAAAAECSmBoAAAAAAAAAAAAAAAAAAEgSUwMAAAAAAAAAAAAAAAAAAEliagAAAAAAAAAAAAAAAAAAIElMDQAAAAAAAAAAAAAAAAAAJImpAQAAAAAAAAAAAAAAAACAJDE1AAAAAAAAAAAAAAAAAACQJKYGAAAAAAAAAAAAAAAAAACSxNQAAAAAAAAAAAAAAAAAAECSmBoAAAAAAAAAAAAAAAAAAEgSUwMAAAAAAAAAAAAAAAAAAEliagAAAAAAAAAAAAAAAAAAIElMDQAAAAAAAAAAAAAAAAAAJImpAQAAAAAAAAAAAAAAAACAJDE1AAAAAAAAAAAAAAAAAACQJKYGAAAAAAAAAAAAAAAAAACSxNQAAAAAAAAAAAAAAAAAAECSmBoAAAAAAAAAAAAAAAAAAEgSUwMAAAAAAAAAAAAAAAAAAEliagAAAAAAAAAAAAAAAAAAIElMDQAAAAAAAAAAAAAAAAAAJImpAQAAAAAAAAAAAAAAAACAJDE1AAAAAAAAAAAAAAAAAACQJKYGAAAAAAAAAAAAAAAAAACSxNQAAAAAAAAAAAAAAAAAAECSmBoAAAAAAAAAAAAAAAAAAEgSUwMAAAAAAAAAAAAAAAAAAEliagAAAAAAAAAAAAAAAAAAIElMDQAAAAAAAAAAAAAAAAAAJImpAQAAAAAAAAAAAAAAAACApG32AAAAAAAAAAD4QXv8PQAAAAAAAIBbEFMDAAAAAAAAwIcxjn0ROAMAAAAAAAD8vXX2AAAAAAAAAAAAAAAAAAAAgDOIqQEAAAAAAAAAAAAAAAAAgCQxNQAAAAAAAAAAAAAAAAAAkCSmBgAAAAAAAAAAAAAAAAAAksTUAAAAAAAAAAAAAAAAAABAkpgaAAAAAAAAAAAAAAAAAABIElMDAAAAAAAAAAAAAAAAAABJYmoAAAAAAAAAAAAAAAAAACBJTA0AAAAAAAAAAAAAAAAAACSJqQEAAAAAAAAAAAAAAAAAgCQxNQAAAAAAAAAAAAAAAAAAkCSmBgAAAAAAAAAAAAAAAAAAksTUAAAAAAAAAAAAAAAAAABAkpgaAAAAAAAAAAAAAAAAAABIElMDAAAAAAAAAAAAAAAAAABJYmoAAAAAAAAAAAAAAAAAACBJTA0AAAAAAAAAAAAAAAAAACSJqQEAAAAAAAAAAAAAAAAAgCQxNQAAAAAAAAAAAAAAAAAAkCSmBgAAAAAAAAAAAAAAAAAAksTUAAAAAAAAAAAAAAAAAABAkpgaAAAAAAAAAAAAAAAAAABIElMDAAAAAAAAAAAAAAAAAABJYmoAAAAAAAAAAAAAAAAAACBJTA0AAAAAAAAAAAAAAAAAACSJqQEAAAAAAAAAAAAAAAAAgCQxNQAAAAAAAAAAAAAAAAAAkCSmBgAAAAAAAAAAAAAAAAAAksTUAAAAAAAAAAAAAAAAAABAkpgaAAAAAAAAAAAAAAAAAABIElMDAAAAAAAAAAAAAAAAAABJYmoAAAAAAAAAAAAAAAAAACBJTA0AAAAAAAAAAAAAAAAAACSJqQEAAAAAAAAAAAAAAAAAgCQxNQAAAAAAAAAAAAAAAAAAkCSmBgAAAAAAAAAAAAAAAAAAksTUAAAAAAAAAAAAAAAAAABAkpgaAAAAAAAAAAAAAAAAAABIElMDAAAAAAAAAAAAAAAAAABJYmoAAAAAAAAAAAAAAAAAACBJTA0AAAAAAAAAAAAAAAAAACSJqQEAAAAAAAAAAAAAAAAAgCQxNQAAAAAAAAAAAAAAAAAAkCSmBgAAAAAAAAAAAAAAAAAAksTUAAAAAAAAAAAAAAAAAABAkpgaAAAAAAAAAAAAAAAAAABIElMDAAAAAAAAAAAAAAAAAABJYmoAAAAAAAAAAAAAAAAAACBJTA0AAAAAAAAAAAAAAAAAACSJqQEAAAAAAAAAAAAAAAAAgCQxNQAAAAAAAAAAAAAAAAAAkCSmBgAAAAAAAAAAAAAAAAAAksTUAAAAAAAAAAAAAAAAAABAkpgaAAAAAAAAAAAAAAAAAABIElMDAAAAAAAAAAAAAAAAAABJYmoAAAAAAAAAAAAAAAAAACBJTA0AAAAAAAAAAAAAAAAAACSJqQEAAAAAAAAAAAAAAAAAgCQxNQAAAAAAAAAAAAAAAAAAkCSmBgAAAAAAAAAAAAAAAAAAksTUAAAAAAAAAAAAAAAAAABAkpgaAAAAAAAAAAAAAAAAAABIElMDAAAAAAAAAAAAAAAAAABJYmoAAAAAAAAAAAAAAAAAACBJTA0AAAAAAAAAAAAAAAAAACSJqQEAAAAAAAAAAAAAAAAAgCQxNQAAAAAAAAAAAAAAAAAAkCSmBgAAAAAAAAAAAAAAAAAAksTUAAAAAAAAAAAAAAAAAABAkpgaAAAAAAAAAAAAAAAAAABIElMDAAAAAAAAAAAAAAAAAABJYmoAAAAAAAAAAAAAAAAAACBJTA0AAAAAAAAAAAAAAAAAACSJqQEAAAAAAAAAAAAAAAAAgCQxNQAAAAAAAAAAAAAAAAAAkCSmBgAAAAAAAAAAAAAAAAAAksTUAAAAAAAAAAAAAAAAAABAkpgaAAAAAAAAAAAAAAAAAABIElMDAAAAAAAAAAAAAAAAAABJYmoAAAAAAAAAAAAAAAAAACBJTA0AAAAAAAAAAAAAAAAAACSJqQEAAAAAAAAAAAAAAAAAgCQxNQAAAAAAAAAAAAAAAAAAkCSmBgAAAAAAAAAAAAAAAAAAksTUAAAAAAAAAAAAAAAAAABAkpgaAAAAAAAAAAAAAAAAAABIElMDAAAAAAAAAAAAAAAAAABJYmoAAAAAAAAAAAAAAAAAACBJTA0AAAAAAAAAAAAAAAAAACSJqQEAAAAAAAAAAAAAAAAAgCQxNQAAAAAAAAAAAAAAAAAAkCSmBgAAAAAAAAAAAAAAAAAAksTUAAAAAAAAAAAAAAAAAABA0jZ7AAAAAAAAAAAAALeyzx4AAAAAAMB9iKkBAAAAAAAAAAC4zBjHvgiqAQAAAAC4yDp7AAAAAAAAAAAAAAAAAAAAwBnE1AAAAAAAAAAAAAAAAAAAQJKYGgAAAAAAAAAAAAAAAAAASBJTAwAAAAAAAAAAAAAAAAAASWJqAAAAAAAAAAAAAAAAAAAgSUwNAAAAAAAAAAAAAAAAAAAkiakBAAAAAAAAAAAAAAAAAIAkMTUAAAAAAAAAAAAAAAAAAJAkpgYAAAAAAAAAAAAAAAAAAJLE1AAAAAAAAAAAAAAAAAAAQJKYGgAAAAAAAAAAAAAAAAAASBJTAwAAAAAAAAAAAAAAAAAASWJqAAAAAAAAAAAAAAAAAAAgSUwNAAAAAAAAAAAAAAAAAAAkiakBAAAAAAAAAAAAAAAAAIAkMTUAAAAAAAAAAAAAAAAAAJAkpgYAAAAAAAAAAAAAAAAAAJLE1AAAAAAAAAAAAAAAAAAAQJKYGgAAAAAAAAAAAAAAAAAASBJTAwAAAAAAAAAAAAAAAAAASWJqAAAAAAAAAAAAAAAAAAAgSUwNAAAAAAAAAAAAAAAAAAAkiakBAAAAAAAAAAAAAAAAAIAkMTUAAAAAAAAAAAAAAAAAAJAkpgYAAAAAAAAAAAAAAAAAAJLE1AAAAAAAAAAAAAAAAAAAQJKYGgAAAAAAAAAAAAAAAAAASBJTAwAAAAAAAAAAAAAAAAAASWJqAAAAAAAAAAAAAAAAAAAgSUwNAAAAAAAAAAAAAAAAAAAkiakBAAAAAAAAAAAAAAAAAIAkMTUAAAAAAAAAAAAAAAAAAJAkpgYAAAAAAAAAAAAAAAAAAJLE1AAAAAAAAAAAAAAAAAAAQJKYGgAAAAAAAAAAAAAAAAAASBJTAwAAAAAAAAAAAAAAAAAASWJqAAAAAAAAAAAAAAAAAAAgSUwNAAAAAAAAAAAAAAAAAAAkiakBAAAAAAAAAAAAAAAAAIAkMTUAAAAAAAAAAAAAAAAAAJAkpgYAAAAAAAAAAAAAAAAAAJLE1AAAAAAAAAAAAAAAAAAAQJKYGgAAAAAAAAAAAAAAAAAASBJTAwAAAAAAAAAAAAAAAAAASWJqAAAAAAAAAAAAAAAAAAAgSUwNAAAAAAAAAAAAAAAAAAAkiakBAAAAAAAAAAAAAAAAAIAkMTUAAAAAAAAAAAAAAAAAAJAkpgYAAAAAAAAAAAAAAAAAAJLE1AAAAAAAAAAAAAAAAAAAQJKYGgAAAAAAAAAAAAAAAAAASBJTAwAAAAAAAAAAAAAAAAAASWJqAAAAAAAAAAAAAAAAAAAgSUwNAAAAAAAAAAAAAAAAAAAkiakBAAAAAAAAAAAAAAAAAIAkMTUAAAAAAAAAAAAAAAAAAJAkpgYAAAAAAAAAAAAAAAAAAJLE1AAAAAAAAAAAAAAAAAAAQJKYGgAAAAAAAAAAAAAAAAAASBJTAwAAAAAAAAAAAAAAAAAASWJqAAAAAAAAAAAAAAAAAAAgSUwNAAAAAAAAAAAAAAAAAAAkiakBAAAAAAAAAAAAAAAAAIAkMTUAAAAAAAAAAAAAAAAAAJAkpgYAAAAAAAAAAAAAAAAAAJLE1AAAAAAAAAAAAAAAAAAAQJKYGgAAAAAAAAAAAAAAAAAASBJTAwAAAAAAAAAAAAAAAAAASWJqAAAAAAAAAAAAAAAAAAAgSUwNAAAAAAAAAAAAAAAAAAAkiakBAAAAAAAAAAAAAAAAAIAkMTUAAAAAAAAAAAAAAAAAAJAkpgYAAAAAAAAAAAAAAAAAAJLE1AAAAAAAAAAAAAAAAAAAQJKYGgAAAAAAAAAAAAAAAAAASBJTAwAAAAAAAAAAAAAAAAAASWJqAAAAAAAAAAAAAAAAAAAgSUwNAAAAAAAAAAAAAAAAAAAkiakBAAAAAAAAAAAAAAAAAICkx+wBAAAAAADc1/O5vWZvAAAAAOC7MQ63hgAAAADA3/IzNQAAAAAAAAAAAAAAAAAAkCSmBgAAAAAAAAAAAAAAAAAAksTUAAAAAAAAAAAAAAAAAABAkpgaAAAAAAAAAAAAAAAAAABIElMDAAAAAAAAAAAAAAAAAABJYmoAAAAAAAAAAAAAAAAAACBJTA0AAAAAAAAAAAAAAAAAACSJqQEAAAAAAAAAAAAAAAAAgCQxNQAAAAAAAAAAAAAAAAAAkCSmBgAAAAAAAAAAAAAAAAAAksTUAAAAAAAAAAAAAAAAAABAkpgaAAAAAAAAAAAAAAAAAABIElMDAAAAAAAAAAAAAAAAAABJYmoAAAAAAAAAAAAAAAAAACBJTA0AAAAAAAAAAAAAAAAAACSJqQEAAAAAAAAAAAAAAAAAgCQxNQAAAAAAAAAAAAAAAAAAkCSmBgAAAAAAAAAAAAAAAAAAksTUAAAAAAAAAAAAAAAAAABAkpgaAAAAAAAAAAAAAAAAAABIElMDAAAAAAAAAAAAAAAAAABJYmoAAAAAAAAAAAAAAAAAACBJTA0AAAAAAAAAAAAAAAAAACSJqQEAAAAAAAAAAAAAAAAAgCQxNQAAAAAAAAAAAAAAAAAAkCSmBgAAAAAAAIA3e/ea5EZuAwCYG829lj7ZzJzM7XuNyvnhllcez0tSqwGC31eVirNJmYz6hQYBNgAAAAAAAAAlPURPAAAAAACAqT1HT6CAxx3HWlprP3YcDwAAAAAAAAAA4Cb/RE8AAAAAAAC43uHw8HPH4Z6Px5enHccDAAAAAAAAAAC4yf+iJwAAAAAAAAAAAAAAAAAAAHAPmqkBAAAAAAAAAAAAAAAAAICSNFMDAAAAAAAAAAAAAAAAAAAlaaYGAAAAAAAAAAAAAAAAAABK0kwNAAAAAAAAAAAAAAAAAACUpJkaAAAAAAAAAAAAAAAAAAAoSTM1AAAAAAAAAAAAAAAAAABQkmZqAAAAAAAAAAAAAAAAAACgJM3UAAAAAAAAAAAAAAAAAABASZqpAQAAAAAAAAAAAAAAAACAkjRTAwAAAAAAAAAAAAAAAAAAJWmmBgAAAAAAAAAAAAAAAAAAStJMDQAAAAAAAAAAAAAAAAAAlKSZGgAAAAAAAAAAAAAAAAAAKEkzNQAAAAAAAAAAAAAAAAAAUJJmagAAAAAAAAAAAAAAAAAAoCTN1AAAAAAAAAAAAAAAAAAAQEmaqQEAAAAAAAAAAAAAAAAAgJI0UwMAAAAAAAAAAAAAAAAAACVppgYAAAAAAAAAAAAAAAAAAErSTA0AAAAAAAAAAAAAAAAAAJSkmRoAAAAAAAAAAAAAAAAAAChJMzUAAAAAAAAAAAAAAAAAAFCSZmoAAAAAAAAAAAAAAAAAAKAkzdQAAAAAAAAAAAAAAAAAAEBJmqkBAAAAAAAAAAAAAAAAAICSNFMDAAAAAAAAAAAAAAAAAAAlaaYGAAAAAAAAAAAAAAAAAABK0kwNAAAAAAAAAAAAAAAAAACUpJkaAAAAAAAAAAAAAAAAAAAoSTM1AAAAAAAAAAAAAAAAAABQkmZqAAAAAAAAAAAAAAAAAACgJM3UAAAAAAAAAAAAAAAAAABASZqpAQAAAAAAAAAAAAAAAACAkjRTAwAAAAAAAAAAAAAAAAAAJWmmBgAAAAAAAAAAAAAAAAAAStJMDQAAAAAAAAAAAAAAAAAAlKSZGgAAAAAAAAAAAAAAAAAAKEkzNQAAAAAAAAAAAAAAAAAAUJJmagAAAAAAAAAAAAAAAAAAoCTN1AAAAAAAAAAAAAAAAAAAQEmaqQEAAAAAAAAAAAAAAAAAgJI0UwMAAAAAAAAAAAAAAAAAACVppgYAAAAAAAAAAAAAAAAAAErSTA0AAAAAAAAAAAAAAAAAAJSkmRoAAAAAAAAAAAAAAAAAAChJMzUAAAAAAAAAAAAAAAAAAFCSZmoAAAAAAAAAAAAAAAAAAKAkzdQAAAAAAAAAAAAAAAAAAEBJmqkBAAAAAAAAAAAAAAAAAICSNFMDAAAAAAAAAAAAAAAAAAAlaaYGAAAAAAAAAAAAAAAAAABK0kwNAAAAAAAAAAAAAAAAAACUpJkaAAAAAAAAAAAAAAAAAAAoSTM1AAAAAAAAAAAAAAAAAABQkmZqAAAAAAAAAAAAAAAAAACgJM3UAAAAAAAAAAAAAAAAAABASZqpAQAAAAAAAAAAAAAAAACAkjRTAwAAAAAAAAAAAAAAAAAAJWmmBgAAAAAAAAAAAAAAAAAAStJMDQAAAAAAAAAAAAAAAAAAlKSZGgAAAAAAAAAAAACElH6NAAAgAElEQVQAAAAAKEkzNQAAAAAAAAAAAAAAAAAAUJJmagAAAAAAAAAAAAAAAAAAoCTN1AAAAAAAAAAAAAAAAAAAQEmaqQEAAAAAAAAAAAAAAAAAgJI0UwMAAAAAAAAAAAAAAAAAACVppgYAAAAAAAAAAAAAAAAAAErSTA0AAAAAAAAAAAAAAAAAAJSkmRoAAAAAAAAAAAAAAAAAAChJMzUAAAAAAAAAAAAAAAAAAFCSZmoAAAAAAAAAAAAAAAAAAKAkzdQAAAAAAAAAAAAAAAAAAEBJmqkBAAAAAAAAAAAAAAAAAICSNFMDAAAAAAAAAAAAAAAAAAAlaaYGAAAAAAAAAAAAAAAAAABK0kwNAAAAAAAAAAAAAAAAAACUpJkaAAAAAAAAAAAAAAAAAAAoSTM1AAAAAAAAAAAAAAAAAABQkmZqAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAYFz/RE8AAACyOxwenrb8+47Hl03/PgAAPrZxPLccjy/Lhn8fADC5w+Ght9b6hn+leAUAAAAA4A7kcwEAxqWZGgAA2l8NNo87D/98+oNGawCA6wTGc0tr7cfpzxa6AYC3vCqw+7dtW2z3maWJVwAAAAAAviQ4n6uWEADgTjRTA9Ba2/6rq9fw0r+tDMd0NM7BeZwlO/dOdF5iab+KXBW4ftHO9z3H5RN32IX1Q5nv4VV+i73/f5xxvSUQFFve7dhXuS5n9uoY7r0Rzlc9t+b4sw85gMu5NucTGM/+wbk3j7N7c+b8k3jlAt4j8tk7Bsp8TMSDZYXlxQJiJznAArLE3Gwv8zNwdmKAi3jWXMEa/Ngy3CM8Q7aV4Zi+4rpduV+O7+wYZl17Xppawou4LvNxTP7jtwCIo5kagFNAniEB8CyBup3D4eFn9BwKsMNfIeu9LnPx6mcUt35i5/ueZ9Yn9o4vjseXtO+3VX6LyJgx8/GdwVoE+T1g6Lvda6tcl7MZYAH7M8/NIhV3IgewCTmA4uRAubdBNu/7jHjlA94j8tk7Bsp8TMSDZYXFDQGxkxipgEQxNxvL/AycnRjgZqd8kPegd1iDH1ei57LjuqGM931xwi/ul+MpsPa8tNZ+OBfe57rMxzH5j98CIM5D9AQASCFLMuDf6AnAK7+vjcPh4fRnDa0DKdBAfe6xtd/n4tIkQ4H9LS0objwcHroillA9aNwlaFwSKRjPPR4OD61pVIKM5ADqkwNlc2cN1FnOr1uJVwAAgJmc3uVO70GteReijiy5Crmw4g6Hhyc5dEZRbO25t9a6WkIAgMv8L3oCAMRai72y6MnmA285FRT+PBwevp/tUEgSh8NDX4/Nz/brePXgKd1Db/+dh0/uncAe1qKRJWj4LIv9s4r4/RUqTWySeO6xtfZdPAfpyQEUkezY9egJcLv1+f2ztfa91X1f+SNeCZ4LAADAXs7fheSDGFKyNQf1gPU9OsZktq49PxVfe+7tz/WsHjwfAIC0NFMDkK3Qq0dPAC7QmyRUGq+KWHvwdPZ0Wsy1kAvs4UfQuD1o3OkFxjdR5xqBxHPiOUiuNzmAkaX6Ao77/Zje2PBlJjb1AwAAZtSb9yHGlC1v0aMnwN1lO+fgtPb8vdXeEPMtvdkkEwDgXZqpAejRE3hlpqQFtfSmAWJ3b+wcObPezhZyY6cCVHU8vjxFje3eFibk+Rp5rrEv8dwfehPPwSh6U4gyjLXQuQdP47XZn3lDOTVRt/k2fHnL+SYwPXoyAAAAO/I+xEh69ARekQurzxfISWOCr1BfwtozAMArmqkBJpb1BTnrvOCLepOE2sWkO0d+lXMQuKfnoHFTfU1wIj1gzKhzjJ2J5z4knoNxuF7z69ETeIviwvw0UX+oN00EAADAnHrzPkRiWfOUWefFpqz3EcoG3h+ylgUAsNJMDTC3rEkDjTJU8WgBbXtnic8ePZcBOAeBe1iCxrWb9c4CF9KWoHHZiXjuIha2YRyn67VHT4S/ZM2BZp3X9DRRX6S3tYkgeiIAAAA7601TNTllzTmpB6zPej4hNFFfxNozADA9zdQAk0qeuJJYo5LeFBRuQuLzar05B4ENHY8vSwtsqA4ad1YhRQ3rOUZB4rmb2CQHxqGINpHkBUE9egL8TRP11boiPAAAYFK9/coHPcVOA9QDkoI1QHZztimm8+5y1p4BgGlppgaYV/YEQo+eAGzsVFDYoycyGonPzTgHgS39CBrXs2An6/OiBwz9HDAmdyae20xvNsmBUfSmiDaL1F+8cY7kcbbpS4+ey+AU4QEAALPyPkQG2ddhevQEuLsu58kebIq5id6sZQEAE9JMDTCvHj2BT2RP7sK1ND9cYE3WSXxuyzkI3Ox4fHmKGlsRym56xKCR5xb3IZ67C5vkwDgevX/FCdwc5hKpm71nYNOXu+jtV/6pB88DAABgb715HyJWj57AJ+Rf5uA4czdrPtemmNuyIQwAMBXN1AATGmUnMS/nFNYloD6mkPXuNOAAW1iCxvVs2EfE77wEjMmdiOd2YZMcGIP3rzg9egJf0J0bcWz6cndiFQAAYFa+8sjuRjnn5MLmMMr5yFjOvkbN9nqzIQwAMAnN1ABzGqWYfZR5wjV6k4B60/qbKGTdh0Vc4BbPQeP2oHGnERif/Agal41pTNqVJk0YhxzA/kbJLfboCczIpi+7sakkAAAwq0cbTLGzUfIco8yT2zjObOZsE+8ePZcJ2CATAChPMzXAZAYrWurRE4AdKCY8YwfJEBZxgascjy9L1Ng2gri7HjHo8fjyFDEu29KYFMYmOTAG1+pOBvudPTd3pPAuRG9yoAAAwJy6tXj2MNg7d4+eAPtw/2MLPsoSQvwCAJSmmRpgPkMV5w1W+AjXUkzYfifRe/Q8JiUJClwr6uvUQ8W0A4r4faPOJTaiMSkFm+TAGFyr+/g3egKXkAPdh8K7cHKgAADAjKzFs4eh1k7lwqbR5YK4hY+yhOqHw4N8LgBQkmZqgPn06AlcaKhkL9xg2uSTxps0LOICF4v8kvCsz817CyxeWILGZQMak1IR08EYuoLB+1mfSz14Gpcaqvl7RGfxCrGmzYECAABTk7fl3nr0BC6kHnAejjVXUUuYQm/yuQBAQZqpASYyapGml3EmMl3ySeNNOhZxgWssQeP2oHGri2jkWY7HlyVgXDagMSmlfjg8/Jzt3QIG9Og6vZsePYEr+ErLHfmCSTrT5UABAACazfW4k1HPK7mBach7cjGN1OnI5wIApWimBpjLqDv9jTpvuMY0ySeNN2lpqAYu9Rw0rhjxPnrAmD8CxmQD4rn0pnm3gIG5Tu9j1DixR0+gIoV3abn/AQAAM7K5Hvcwai5s1HlzOceaL5PPTUs+FwAoQzM1wCQGf5Ht0ROAnZVvSNF4k56GauDLIr8oPOpO61lF/Z7H40vIuNxGPDcMC9uQn+t0Q4PHh4oKN6bwLj33PwAAYEby6mxm8PfqHj0BduPr1HyJfG56YhgAoATN1ADz6NETuMXghZBwscqNrBpvhqGhGrhE1Nep/w0at6qIBp4lYExuJJ4bjkYlyE8T7XaGjg/dr7ej8G4Y4hQAAGA61uHZUI+ewC3UA07FfY8PyeeOQQwDAFSgmRpgHqMXZQ5dCAlX6BUXDTTeDMfusMCXBH5Z2H1qI4G/Y1QjPlcSzw1LoxLkVjIHEKRHT+BGo+dwU1B4NxyxJQAAMBvrW2xl9FySesCJyIHzHvncofg4CwAwPM3UABMokoiykMCMHgue96Mv5MxI4w3wVUvQuD1o3Gp6xKDH48sSMS7X0Ug9PHEd5FYxB7CrKjnQ6AmMbr2OevA0uJACPAAAYELeg7hJlVyYnOhU1IzxF43UQ7JBMAAwNM3UAHOosotjj54ABCiTSJb8HJqFXOArfgSNW+ZZGSzid/RV6oFopC7DPRNyc43epsTvpwjpeuKVoSnAAwAApuM9iBupB2Q47nucU0s4NBsEAwDDeoieAAD3VexLHI+ttafoScDO+uHw0Ef/amOB5OfvZq/j8eXpmr/g1YLAv22w3+NwePh+PL58i54HkNfx+PJ0ODyENLBUeFZGCly0XoLG5TojNyYt7b8NH5Zr7xejx3OrLq6D1Prh8PB07XvnzIoV7ciBXqFAI/XSboxX3lgLGG2DgcfD4eHqWA0AAGBAcgBcRT0gA5P/obVW4j52vnH8FvncEdeev7fW/omeBADApTRTA9TXoyewJQWlTOqxDdxsNGjy87nd0GjzlrfuXWe/zQgJ0RKN/cDdPbeYgv2hn5UJROxcb5F8IOvGOCN5bu36TXDeUyCeO9FQDbkpHrzOaE2jH/L+fZXRzoGltfZjy3hlPWeWs3/01NofG8KM8BspwAMAAKaiDoor9egJbMl1MB1r+5MbdGPMzdef38jnttZ+53OHWHu25gwAjEgzNUB9IxRIXSKi0YPPPWdPar/xxcUhEk6rYZtYB0t+7n4ev06Krudp5vu2glbgM0uLuY/1gDEr6QFj/vj8f0IGayN1j57HF2y+Gc5XvBPPjfCuMew7BinIAdyZ4sGr9OgJbExB4QUGileWtnED9Vecjfe05uoeW+Lfyz0QxnA8vsgTA+Hci2B3I+SEevvzfWeEnJCN9bhG5rqSa6gHnIs1KoapJWwx689Ppz8PsPbsegYAhqOZGqCwNwpHK/DyzVU+WtQb5OssoxbRZk9+Lu3Xou8SPI/W2u/zNHVhqx0lgY8cjy/L4fCwtID7l4L760S9MzhWY3ij8CybpSWK5Vp7c3E78zvG98Ph4Vum3w+2UiQH8BQ9iVFUzYFGT2AUA8QrrSVqODjfCCZxrPJ4ODzsXqQIAACM770vPLaWuxnJGheXqJoLUw84nVHr4LjRujFmZksL2BDzPad5ZK4lbK5nAGAw/4ueAAB3VXXXxh49AWo5Hl+e1n/901r71n7tKphNX5Niw0ie/Fxaa9+Ox5eUzSPH48uyNix/a/mSjcOdi8Duor44XDX2vbeI3y1jrMUr6/M+azy3tMSx3Mmrd4wleDrvydhABXc1SA6galHkvZS8lzkHPpc8XmntVxP1P1kK7147uxdmvA+WvK4BAIA46zvQt6TvQda4uETV86VHT4BdqT2aUPKNMZf23/rzU/Bc/jJALeFT9CQAAL5KMzVAUckTD7dSSMXdrImnrIWEw5z7ie9BSxug8ebkVSI0k2HORWB/gQtLFlwvFPi8XgLG5HIZn/dLGyiWOzmL6bK9X7RmcZvJJc8BVC2K3FTx+M858LmM8UpryZuoXzu7Dy7Rcznj/Q4AALibhPmgHj0BxpC4FmcLWfM83I9jPpHEG2MubaD158RN1a5nAGAYmqkB6urRE7gnhVTswQLaTTImP4dJfL62JkIzFbUqaAU+E/Xs7EHjjqpHDDris3g2a3Ntj53FX4aN5U4Svl+cPIrtIOU12qMnMIjKBTrevT+QNF5ZRmqifi3hhn6Vr28AACCB9f0tRTOSTS/5oh49gXuSC5uODX/nkjHX9zzq+nPGzbxdzwDAKDRTA9S1Z/Ih4oU8Y3KFos4W0MKNkHQ6HB6yNVKfClmX6IncKllRq/sw8JElaFz3pstE/F5pFvN421qokulaKhPLnWQq0DuT6ZhDqEzX6Ag5gAT6jmNFxDE9YMxRZHt2fVvzNkNLtqGfDQUAAIC7O2tGWoKn8m/w+IxBPSDVOOYTWHN8PXga55b2K5/7FDyPm2Wqa22uZwBgEJqpAQrau9ByfSFf9hyz5UquMIFEhYSpF9ASJj9LFLKeWxuJMvx/UtAKvCuy6VHT0ddE3cMrLEhOINMiZ7lY7iRRgd6J3f/hTKJrNHUOINokOdBMz+U0km3kt7RfMcsSPI9NJbkHtuYaAAAAdpLgPagHjs0AJsmF9Z3HIwHrU1NIlc8d9WvU70lU1+p6BgCGoJkaoKY9Cy2X9d93343SizcRLKB9KlOBY6nE57lEDdWZjjeQT9QXiDUdfU3EPXwJGJMLJNoYZ2mFY7lz6/tFhriutdYebZYDf5IDSC/iSzw/dhyztSYH+lqieKW1goV35xLcA1uzmR8AALCj6Pcg7z98Qj0gVak9KizZNV12I+/W4uOYlesZAEhPMzVAMQHFZM+thX190Is3IaKTalkX0BIVsy7H48s/VQtZT5I0VCtoBd4V+AXiHjTuaHrAmLs3H3GxDLuCl25KekuSuO7Eeza8El18kqzQKI2Ad9GltbAY12ZBf8ryrHqOzhHuIfoeuMpyzAEAgAkEv+v1wLFJTD0g1cmD17Teu7Jc01OsP2fI57qeAYDsNFMD1NP3HOxVgiFiN8q+95iwsoD2tzTNN9GT2EuSxpsePD6Q2xIxqMWZj0X9PoEN9nxBkutmqljuXJK4rjWb5cCbZr03JbdnAdYSnAN1b16t8UqPnUVr7Vfh3VP0JPaSoACvB44NAADMSS6IbPqeg6kHJMCj416SRuoACfK5NogFAFLTTA1Qz54JiD+SpUEFZFkSLkxmTbDtvmCQleabOAkab9yHgY9EPSvdmz4WsXglbsov+rqZMpY7lyCuO4k+FyCrqOtT0cnb+o5j/Xj1n5cdxz7pAWNmlOEZNVXh3Ul0AV6S3CMAADCJ9b1vCRhaHoj3qAdkBo57IWtzfA+eRmuT5nNbbH2GDWIBgNQ0UwMUsndB0TvJ0mXPObQcCRcmFfgFmozJ4+g5Td18E93cLwEKvCdyUcq96UM9YMwlYEy+KEFzytSx3LkkDdUWuOENgUW0PWDM1KJzoEExbnTeJVyCeKW1eQvvWmu/G6qjaCgAAAD2FrH+3gPGJLnoXNhq2XMOzbUwK+tTtWTIaU+bz02w5twDxwYA+JBmaoBa9iwoWt7556+/1HJ3SQrpmNf0X1nMcA1qvvm9oLUEDd+DxgXGEPWs7EHjphb03F5mXaQcSORitkbqVxIsbreWo8ABMpo+B5BE2Jd4vvDP70YhYfizSUz7S1SMopgWAADYVeDGevCaekCiLAFjRucA2UCSr1JP20h9EhzLuJYBgLQ0UwMUEZCAeDNJGvSlXl+lIEzg16kziU5+RTeaZBJV2B99DgCJBT4r3ZveFvG77F5gwdclKEbRmPiGBA3VGpbgDVGFJ67H/wT8Fstb/zAoxp02vk0Qr9j8ZRVcgNeDxgUAAOZlfYNQ6gEJ9qMFfJVcPryE6Fz29I3UJ5F5bdcyAJCVZmqAOvqeg32SJN27GF4SjWjTNoAkKGaV/Dyz/hYh56P7MPCJJWLQBM+pVKLu1TafSS9yMVss94EEXz6JLnSArCKKaHvAmFntem/65Dn10X93D/9n726T28aVBYBiLrWvwCuLvLIg+7Jq7o/QGceRbX1Q3QBxTtVUvVtvxg19kWCjG6jB8XqSWTyrkfqdxPdDETUAABDK+gYdqJHB1ANyRkYN0o+EmGykg1Opm/Xnv2Tlc2tSXACAT2mmBtiPyELCr5JkLWIQ79SEmPCqRQfsqDksu5i1JcbvUuKCbk2KC4wha+MRxfZ/qgkxW0JMLpQ8p3w2l/va2qzUksIrVIIzFNGmq4GxvprDhs9xO8oHhemg+G7aTRS/kPG+1ISYAAAAkEk9IKmyNv6dMQ+6IzUxto0xz0jcwFu9DgDQJc3UADuQkDxqn/0/kx6+nZhFmlmbQJKLWSU/P5dR0CoBCnwo8V6pEfBPGXNmzSd9y3qOapoRr5L5O/KsDXQjOgf61b0qaY4743U58zXb/OUDWXM5z3cAAECClj0A5qQesJQyZy6sRxnrVD77caXmcxNj987mmAAAK83UAPsQ2cB26UmwPx89kPfsSEiylj2ABDUxtuTnJ5IKWmtCTGAsWdfumhS3K1lzZc0n/UpuRDGXu8L6O8raSKgmxYXeuY7liCzCahf+exmnU9fomMlqUlybv3xNAR4AADCD8PonWKkHLOoBe7B+NzLyoMfomNwn+TOzMeYnEk+Zr9ExAQC+opkaYB9qYKyLkqJJhWZORSXTjAtoWTtJSn5eRkE30JuWFNeu1b9kzJU1mvXNXG4gWQvcpaQXPgCUUlKeNy+dx7RHDuID08xvs4vvEmMPwRoAAAAAPFQNjKUekE8lffbT5EF3JOv3amPMy2TUt9aEmAAAn9JMDTC46IKyK5MO7UHD+EjVyAcxMotZJT8v1hJi1oSYwCCSGwFrRtzO1OiA7tndqxlBfS/uktXUpVgF6EGNDHbpxh9Jc9waHC+TzV/614Lj1eB4AAAAEE494B/UA/Yj41CHH9Exuc36O61J4W2MeQHr9AAAv2imBhhfZEHZtUmHjCRFTYgJM8raSVLy80KKfoFOZex0W8rkjYBJm6C0hJhcKHFjnKekuLuwzu9S5sMKleBPCk5S9JwDDZ/jJp/YHCLz3uM3fhW5OgAAANhez7kw9YCTSsqZaaYfR02K29TIXSX6Gj51rQ4A0CfN1AADS0gUtWv+5aQkhYdvUkxYZFkTYrYJ3+d7RSdAs5rsgUEkXsdrUtxeZMyRsxrnuUzGPdtC9gZcR4EZJTQOt2v+5aRr8wzP3zUprubgK2TM72bYTPCI8nUAACAASURBVAAAAIB5qQc8Sz1gPzJyZz7/MaR8TqfTi828r9OyBwAAkE0zNcDYQhMQNyZDwxNodiOEx0osWFTMer0WHK8GxwPGlHWq6jEjbrasubENULpXE2Kay21HoQowm8jG4Vs3/4i+Ns9wIkvGvcdGfrdp2QMAAACAHVEPeMYEubAhrLmzFhx2hlzo0BI/H+vPV7L5OQCAZmqA0dXAWDclHpKKzxR5s3vJhZ1OMhyE9wzoVEuKO+scsSbEtGjZsaSNBczlNpT1LKBQBciwXntqYMifN/53bctBXKgmxAyh+G44t/5uAAAAgL/VwFjqAbmFTX95r2YEtTHmzVpkMGvMAEBvNFMDDCq6AP7OxEPbaBiXqsHxYDY1IaZi1tu17AEAvLU2VLaM2JMu0qSc6JcQk8tlbIxjLre9jPe0JsQEfmnZA0hUI4PdmgNN2jRkzwWENSOozV9uo2gRAABgM3Lpk1MP+KkaHI8PJK3316QNo7lMRq7aPfN20Ztj1uB4AACf0kwNMK7IBES7878PP5lC8oxoszRnZf22FLPeJfQaPMtvAbhb1sllNSluiqxrsvt292p0QN+Jh2gJMffctAddm/w6Gnntubf4Krx4a8c5UMV3fMacBAAAiJSxQSnzUg/4iR3nwkbkdGqytewBDKxlDwAAIJNmaoABJTRF3JX8SjqZQvKMaDV7ADummHUsNXsAQP8STy6bbY6oCYU/JBWZ+E48QNKu/zbOAUIl3LfaPf9x0hxXQfdGnK58t5Y9AAAAgAepgbFaYCw6ox7wIrOt9XYrcZ3qGB2TzyV9Jm3yTWjv4r0DAGanmRpgTKGJwY0enjNOZqnRMSFIS4wdvjChmPU+p9PL8XR6+Sfwn2P2awaG0TKCTrbAWqMDug/wnu/EQ2U0qteEmNCdyeYTmUIbhTfKgW7xN65R95YDtfnLmE6nl6fI/FP26wUAAOYQ/cytuWl66gEvsLdc2OCcTk0pORt+yufeSS0hADAzzdQAY6qBsbZKPLSN/s41akJMiPAzewCBWvYAAHiYrAWuKU7vy9oBOiEm14kuMGjB8aaSVFg3xTUUOjNlUdBaFFkDQ271PtvoYkwtewAAAAB0qQbGaoGx6FMNjDVyPaBm2k6s61QZDfXH6Jh8qkYHtPkIAAD30EwNMJiEZFDb4o+sCYxN/tYVJE+JtPvvW1IyeqbGcYCpJC5w1aS40ewATQ/M5R4v+ndXg+NBr2ws8Hg1MthWJyMkzXH3lpMKfz2K7wAAAPhA5DOqfPrE1ANepQbH4xNJJ85+d0J5H5I+BzUJAADcRTM1wHgiE/Vt40Ky8MS/nQjZo6REdIqZXivApFIWuvY+R0w4ybGUogmldxnfe3O5EC06oAIVKKU4lShCaA5047+XcRpLjY65I4rvAAAA+Et0Tl0+fXrqAa+w97XeAWXk1/a2weSoakLMlhATAIAd0UwNMJCEorhNk51JiX8nBfFwEyXpoxPRLTgeAMESC0P2vrhaE2JqQuG9lj2AGSRtYlATYkI3ovNzM25WkpBn2Xoe0zb+e5fYxfw2KcfWEmICAADQv5E3emMg6gFvoh6wI0nfgWqDyTnNuGYCAMC2NFMDjCW0KO5Bia72gL/5GYkzIkQm6WdqVArfvRaAFC0j6M7niBnNNC0hJteJ/l6Yy8WZ6RkBelADY7XAWD0JLYbcuvhq/Xub/s0L1OB4u6H4DgAAgPcSNvuST5+besDrqQfsj9Op5xT9GVgTBQDgbpqpAcZSA2M9KvGQkdCoCTGZS80ewKNlLEIknlYKQKysBa9dLq4mFQ40TSi8Zy63a7u8fsIVIn8D0xXSrnOZGhjyUXPR8M8u6VTnrUWfKqT4DgAAgD+suYk9NLcyjhoYSz0gD7Fex1pwWE31AADA1TRTAwwioRiuPeKPJjVZKPTmYaJ/m4mLaDUpLgA7l9iEW5PiPlpNiDldo9doFBLsm0I7iJNwPW3B8XpQg+O1R/zRpGvzHnKgNXsAAAAAzGvN/fwIDmujr4mpB7zLHnJhe+N06ok4mAUAgFFppgYYR/Sup+2Bfz48cbaTk1noU+RvswXGymbBEGAuKdf9nc4RwxeMLVoOoQbHM5fbOQ36TCw0B5C46UymPb3HGTnQGh1zZOaxAAAAvEpqpPZsinrAO+x0rXdY6/erBYetvgdpanC8FhwPAICd0kwNMICEIriHJjeTFgK+JcRk5xKSsZmnPtrJE4BHaklxdzVHTFoobgkxgb9FFynV4HiQbs3P1cCQmTmAFDvMs7QH//1zhs3faAQHAAAgS1YjdbEx6dTUA25iV2u9O+F0ah5lujUTAAAeQzM1wBiid6E8BoRpATHeqsHx2Ll1UWOPv80uzPRaAUjbpbqUXztV14S4j5JRMKDQZwzR340WHA8gQmhB7aTPxaH3q0e/x0kni9eEmFupwfHMYwEAAHjd3C2jkXrW/A//2WPNUQuI8VYNjscXstb9nU6dwmYGAAAMSTM1wBhqYKwWFCd8pzhJMzYWvaulAk8A9i5rJ+GaFPcRanTApCYhrlcjg/lepGjZA4A9W5ZDdEHtdDmAhJO/o97j8M9SDhQAAAC+tiyHuuZ8sk40fUqKSz9qYKwWFEc9IKU4nXoWNTKYDUgAANiKZmqAziUk/EKSWUnJDUkzNrEuqNXImJkJwYQTO1twPAA6kHiv28UcMalQYLpGL+hVQgP7Lq6dcIn1HluDw7bgeD2owfFaRJCkOe6oJ4JEj7sFxwMAAKADy3I4rjUf4XUfbzSbks5NPeCmrFd0Zr2+ZWwyGb0pKgAAMKBD9gAA+FJowi84Wf9cgl/fshyqBQnukdFIXfIblWpwvKyTSQHIFz4/LGU3c8Tw983uz3wge+4KsJl1c7Hoe+ysxbR7zoG2EptbqYPOb2tksAHfH4CuLMvh3+wxjOZ0evknewywN65FN3mW12U2a36nll+beNXMsbw6nV6cSs2ec2HqASmn08txWQ7RufVR86J8rWUPAACA/dBMDdCxhNNgo4veW4kvSP1eJFe4UVIjtUYlAGbSSs7u4UPPEROeG0oZ+P2aTdKp5eRopZNiQNiD9f6acZLFdJtS7PUknnfxanDMWszXAAAA2Na3wfLNvZ5Wq5F6cuoBH2Lotd4dy9hI3XchQMJ8wMEsAABsRjM1QN9qcLwWGex0emnLcmgl+GSWwFjsSFYjdZmwiFrzOIMYrVggw7fsATCepPlhSYi3tZoQ04Il9OdnGf96Bl3IzAFMempG6LNDdN5hneNGhizlV9HgMTroQFr2AOASck8AAHSmFvnHez1NmvvhTzU4XosMph6QV06nBiajlhAABqGZGqBvkcmklpRECi/2XpbDUbMml0o8iaqUX7/LY1Js4HO1WJCDR0lpBhx8jhh+usLA7xWP17IHQIzBr5tw1poD+F6S5voT/6ZqYKwWGOut8FNYXKc/ZWMgRtHrSXoAAMD1NFLzSj3gA8iFdcvp1MAsalFLCABD+F/2AAA4L2GHqpQCsqQkpgIkLrKeRJXVSF1KP6dS+80AECZxkXvI+13Szra9zFHokGIwYFTrPTXrROpSSnlKipsqYS6TNY9pCTFDT/y+h9MaAAAA2LmshlY6ox7woYZc69279bvQgsPWdeNUdsJGCQAAbEkzNUC/QovdkhMOLTqghBkfWZZDXZbDcVkO/5bcneLsSgzAzFKaXAadI2Y0ybSEmMAXFBLAbd7kADKL7Z4nzgGEvu9Z7/MaNzq2okEAAADI93Q6vUy5iR5nqQd8ILmwbmWs/WcengIAAHRMMzVAh9bEXg0MmX2yXEb8mhCTjq3F068nUWfvVjrzrsQtewAAdKElxa1Jce9RowNOPE8Z1TCnUgJEec0BdNBEXcqvHMAxeQwpEoobs3OgGScB1YSYI2jZAwAAAGAKNtHnN/WAIWpCTL6QtNFkxknwAADAADRTA/SpBsdrwfH+kLRwkF0oS6I3p08fl+Xw75vi6Zo8tFJ+FVHPvCtxRmExAJ1JLCwZao6YtACcXXjB9Wr2AACyyQF0K/pU6mNkvE7iDzW/jaKQHQAAgAAaqXmvBsdrwfH+oB6QdzLWmH0fHsd7CwDAsA7ZAwDgrOhCwhYZ7wPPJfh1L8vhmF1EuSPfOt/N8Vvpo0j6K7MXUQPAW+Hzw1KGmyOGnzg80HtDjpY9ACCEHMB2Zt+kpAbGaoGxPpORA62d5H8BAABgBuo++Ih6wACDrfVO43R6actyaCU4d+/7AAAAvKeZGqAzCcWoXRRtnk4vx2U5RDfLhDef7Fgt4xQq98qCGgC8kTQ/LGWQOeKyHGqZbAd7hvAzewBAiFrkALYw9elECTnQXu5RrcRvGPS9mMcBAABAhKnzPXxMPWCoIdZ6Z3Q6vTwty+Hf4LDfl+XQXJuH1sX1DACA/fhf9gAA+EtoQq+znfdacLy6NqFANo3UAHBeS4hZE2LeoibEtFAJvJWx4QXshcLa+JN4jpHxPpL0udeEmAAAADCT59Pp5R/5Hj6hHjCOesC+Zaw3W88CAAB+00wN0JGE0+VaYKxLZJwQUxNiwlsaqQHgYynNuwm7w98ifNFXERAA3K0prP2dA43U24Yw4eMZZH4LAAAAo3ltoj5mD4R+qQdUD8h/kq6XGuwBAIDfNFMD9KUGx+uqkDApWWbnQTJppAaATyQ2GnU9R0xa7O3q2QEABiQH8J/ouVYLjvcpOVAAAAAYniZqrlGD43W1picXxhlOpwYAANJopgboS2jSptNTcJzMwiyeFFEDwEWyTqeuGXEvlLHY2xJiAtdr2QMAzpID+FMNjNU6zYG26ICdz28BAABgBE0TNTdQD6gekDecTg0AAGTSTA3QiYQEXle7UL7REmJ+S4jJvF4X11r2QABgBIkFKT3vTl2D4/XahAT87Wf2AIA/tPKrkbolj6MbCTnQXq+LTl8BAACA8dRlOfy7/nPUmMdX1AP+1hJiqgfsW8bmo/KjAACAZmqAjkQn8FpwvIusxaUtOGwNjsecWnESFQDcqiXErAkxv5S0i3qvTUgA0LOn0+lFI/Xfok/iOUbGu1TS96ImxAQAAIC9+l5K+fHaWJ08FvqlHrCoB+RvWd8J12sAAEAzNUAH1p1Ka2DI3k+WC2/WkCjjwZ4VUAPAXVKaeTudI4bvot5rExJwll31Id/z6fTyjxzA3xJOa2rB8a4VflJQp/NbAAAAGN13TdW8px7wL+oBeS/jJHXraAAAMDnN1AB9qMHxuj5ZLqlZQ6KMrbXyXwH1MXksADC0xHtpeOPyZxKKLkrpvwkJAHohB/C16PxbRjHexZK+K13NbwEAAGBnNFXzVg2Opx7wb+oBO5Z0OrUmewAAmJxmaoA+hCbuBinqbNEBE07HYb9aWRcpluVwfP0nc0AAsAMZzTC1szliTYjZdRMSAHSglfV+KQfwpRoZrPOTeF614Hi9zW8BAABgj16bqmv2QEilHvBvLTqg32H3nE4NAACEOmQPAGB2CcWVozRDPJf4ZpHvxcl7bKOWM9/fZTm8JmNb+dVs3QYp7AWAHrSSs7BZSz9zxPDXb64CfGKU/AI8Wi1yAF+SA/3QzxKfA62ln/ktAAAA7NmPZTm00+nlKXsgxJIL+5B6QP5wOr20ZTm0Evy9WJbDcZANCAAAgI05mRog37fgeC043k2SiktrQkzmVMuvZP2PZTn8cGIVAHxtnR+2hNBd7EydtGv6KIUX9CP6+RZgBLX8lwP4d+IcgJN4zkgaZxfzWwAAAJhEdUr1lNQDnqEekHOSNpz47ro8DPlsAAA2pZkaINGakKmRMQc7ASe8eWPiglby1PIrQTtzQTUAXOpnRtBO7tE1OuAoTUh0pWYPAGAA0+UAEorSWnC8e8mBAgAAwP790Lg3B/WAX5IL45yMTb416QIAwIQ0UwPkqsHxhjpZzsksTOj7elJ1zR4IAPQosbm3h9N2o+epLTgeAMxmphxA9DwmZQOeO7SEmD3Mb9NM8rsDAACgP7PkgmZXg+OpB/yaesDOJX0vqmvyzVr2AAAA4FaaqQFyhSbqBj1ZrkUHlCQjWS1zL6BZwADgKxkFATUh5m9Ju6WP1oTEx4YqogGYTC1z5ABqZLDRcqDryUEtOOzshYI1ewAAAABMa4Zc0OzUA36tRQf0uxuC06nHoZYAAIBhaaYGSJKQoGvB8baSkXipCTHhPQtoAHBeywia1ND8KvzkwEELL2Bqnh9gaLvNASTMoUbdREQOFAAAAOax21zQ7BJyYS043lbkwviL06kBAIAIh+wBAEwsele7IQsJT6eX47Icot+r76WUY3BMOOdHKeWf7EGUX4svNXkMAFBK+XVy37IcWom/N2XOEWtwvCGfHQBzdhjcj2U5PK2nFO9JdF6vBcfbxOw50KTXD8AdTqeXHtYugMm5FkG4VsY6ifJb6Ttnutdc0OyiN0geck1v9lwYn3oqv+rlIvVSn8cHluVQ3S8BANiKZmqAPDUy2ODJhOcSXHi5LIej0/jowbIcfpxOL0/Jw/hZ+l5kBGA+KfemjEW6pBOxW0JMdsKz1FRa9gBgh76XHf22Ek70aIPnQFsJnuMqQgMAAOAKP0fO/b5Zb+lpMy8NfPtTI4MNntdRD8hfsjZW993oXi07WjsBACCXZmqABAkNEUPuQvlGK/GLGdE7hcJH6myFrRLUDOLZ9/Rz63ynp2IEdiTx5Lpa4hfpwk9znGneAdzOtQIeou7smbgGxxvpdKxznkv8e7arBv4rOImIITht82vLcvg3ewwAAIzhTb7lWEo/a5mdbLDPBtQDXq0V9YCcl5UnPQbHBPZFLeEF5HMB6MH/sgcAMKnwhojgeJtaC7RbcNiacHoOfORH9gAAoEMtIWb07ug1Mt5q9CYk3rFgN5X0wj9gE3v6LYe+ltHveUmbVNSEmAAAAJDudHo5rhsYPZXcuir1SfuhHvAK6gH5SNJ3I2NDhGGNnosHAGBumqkBgiUk5PZyslxGU0dNiAlnSeYDwF9SdlsPXkStgbFKKRY+2YRd/QHutIeirYTX0ILjPUr4HHcP3zcAAAC41en00taToTNPh7bB/uDUA95MPSAfyagF2NNGp3vjswEAYDOH7AEATCj8wV5B3M2+l1KO2YOA1feSVBh8Or0cl+UQee3y2wPgS6fTS1uWlLRGZKOoHewZUc0eACFa9gBg5/awMUX4a5ADvVkveZjnEjj/XZbD0UZCAAAAvFobU/9ZlsOPkpDn9pw6PPWA4+glF8Yn1lqAVoKvx8ty+LFusAEAAOyUZmqAeDUhXnTM3bBYQUdq9gAAoEOhDReruiyH+ujd3hN2sC8l6bRv4H4JRVMZp0XATGr2AO6xzmNqcNiMmLsRMb8FAACAEZxOL09JDdXfl+Wwl9OGZ1QT4kXH3A31gGNYr8f/BocNqQXgej4XAAC28r/sAQDMxI6QQ9rDSUDsRFJTVYqZXisAt0tc5K4BMcJ3sLf4uGuhjfKefQHuN/i1tGYPgKvV7AEkkPcFAADgrPVU0owNaMPXhrjf4Hm8WckLjcO1uF/Rn00NjgcAwE5ppgaIJdEynpo9gEE8n04v/+ztn1LK6wJZy317f6uJsVtwvBocD4BxtYSYEfP6GhDjLadSw9gU/hBplzmANQ/wXNwTtyAHOp70zyxho6QaHA8AAICBrM+pLThsDY7HNtLzKlytZg+AyyRtrl4dAtIla6EAAGxCMzVAEAmWcdlBdF6n00s7nV6Op9PL05ui6ln9DI4nAQrApVLuz4+c3yfNP1tCTPZL4VC8GhksqXgFHm7NARw7yQEMeS2VRxvXjJ+dnD0AAACfWU+obpExZ3w+H5ncwrj81obidGpKsQkCAAAb0UwNEEeCZVw+O0opvxsGnhKHMNN3sWYPAIAxnE4vLSn0I+/L0ZuKtMT3kQAaX/dNsRY8xpum6pY9lsHYHG1cM352NXsAAAAAdC+6iW+mupA98HmNy2c3iMTTqTPiDiPjc7EmCgDAFjRTA8Sp2QPgdhIxvFobjTIbqlNIgALQuYzdqOsj/uh6/3vI3/7Ez+B4TECBQagaHK8Fx4NU6wlEXCBpHsN2age5mOh5/YwN5AAAAFxhrREJfV7t4Pmcy9XsAXA7v7WhZOTpNdz3p2YPAACA8WmmBgigiHwXJMf4bdaG6gQ1ewAADKNlBH3QPL8+4G9+yqnF02jZA+Bhop9XbcDAjOQALlOzB8DdavYAgtXsAQAAANC/hHWUGhyPG6gH3AX1gINYa/VadFy/8y+14Hg2xwQA4G6aqQFiSLyNr2YPgL5kJWmTteB4rp0AXCTxvvyIxbro+1/Gqd7kiG6ANZfbr5Y9AIg2aQ7gFq7948v+DFt0QAWRAAAAXChyPSX7+ZzL+JzGV7MHwFUy1rX9zj8Xvf5cg+MBALBDmqkBHmxZDjV7DGxDYR1nzHYiW/jrdQ0F4AoZ9+W65b0q6b7XEmKSo0UHNJd7vIzn1LWpFGbkmfgT8mb7kflZJt1jnGYCAADAJVpksJHyQjPy+eyHvOY4nE7dpRYd0OcBAMC9NFMDPJ7d6fbDZ8kfTqeXY/YYgrWEmDUhJgADSrwv1w3/Vvh8U1PkPJI+65oQczYawCBI0lyjJsS8levRfmR/li04Xg2OBwAAwIAScuw1OB7XUUO2Hz7LsaScTm0DhfNsjgkAwIg0UwM8Xs0eANuRGGNmSQlQixYAXCNl8XTDv1U3/FuXyHi/yNWC45nLPdD6fFqDw7puAH9Juh7xODU5fsYp8MfomAAAAAxJfpRXNXsAbEc94DiyTqcu1jw/04LjVb9ZAADuccgeAMCeKcLapVpyEnL0q5W5FklaCX69y3KoTs28XUJRe/N5AYlaSVjIXJbD8d7TKjOeHRJP8ybPz2Iutyc1IWZLiAk9eS6Kps6p2QNgW1vMb+/QSvzv7Hsp5Rgcc1ei80+eZQAAgAl4Vu2UesBdqsX6xzBOp5enZTn8Gxy2WvP8UPj6c/GbvVvwvUwtIQDQFc3UAI+luHJ/LFbwXkZCMFPG6/1eJEDvUUv8/agFxwMopfzaiXpZDq3E36u+dfI3rtGC49GHVnKak1pwzFmE5xwsdAMfkAPdn7Qc6DqnD4+rGPJuP4LjHYPjAQAAlJK0qS/d8R3YH/WA48nY+NSa53mt2BxzRGoJAYBp/S97AAB7tZ7EwA7ZYZTJtYSY1TV1HE4GAjrwMyFm7eRvXCPjfSJZUoOQudwDJD2XtoSYQOfkyfYr+f79nBBTIfQ4WvYAAACAOdmEC+sd+yXPOZak2iRrnmdk3Rv9Zm/nvQMAZqeZGuBxFF/tV/SpgdCNxMVB19Tbee+AqWRt6nDPglPGYpXNL6aW0ZxUE2LuXcZzqU0YgHPkyfZrtnyCYsgbJbxv5iQAAMAUNDt1abZ8yUzkOcdjQ8Z++CwAABiGZmqAx6nZA+BhFNYxOw04APSuJcS8Z7EueqEv415OP1pCTIvZG1qfR2t0XJswAO9lXY8IU7MCJ95zzFluU7MHAAAAAEFq9gB4GPWAg0k8nTojLmf4zd4sNA9ujRkA6I1maoAHkDCZQs0eACRqGUGX5fAjI+7I3I+AiaU0C9+yWJe0wNcSYtKJ0+mlZcQ1L9lURqNXS4gJ9K9mD4DHSr5/t4SYimZvowkdAACA3bPOMYWaPQCu9pQQUy7sHZtjAgAwEs3UAI/xLXsAPJxEDNPKasApClpvEX0/ctIp0IXEe9Utc8S69SC+0BLfH/qRcc/2DLWBxFNgfybEBPrn2r5/mZ9x1r3H97p/LXsAAAAATEk94P7JCw1mXfdu0XFtrnBWS4jppPAreb8AADRTA2wusbCZYBILTC6radbCxXVq9gAAEmXcq+oN/030vU1DJKUkNaAsy+FHRtydSXkPE3eUBzpls7N5ZH3Wifcem/ldISNHbnMoAAAAoqkHnId6wCHZRLoPagnHEL0xSAuOBwDwJc3UANur2QMgjB1HmVlLiqug9UIWeIDZZTVfXHP9TWo8CI9JfxIbUMzl7pA4v2tJcYG+KVCaR02MrQCvf94rAAAAZlCzB0AY9YCDSTyd2ibSb2RugKhG7jJJG4PY7B8A6I5maoDtKR6aR80eAGTJSkSvJKMvE77Ao0EP6FBLiHnN9deuv2TSnDSQdXE7673L+q4AfavZAyBM5r27JcWtCvC+lrRJjnkJAACQxrPi1KxtzKNmD4CbZOSMbCL9t7T1Z5/FRWr2AAAAeqCZGmBDkubz8ZkzubSdA+3u+bmknSQBetT7ouml/95WNB7wW+ImKJqTbpNVqNUyd5IH+uQ6Pp+szzz5HqQA72sKyQEAANg9ubD5+MzHk3goiPzYn1pibJ/F18LfIwezAAA90kwNsK3wU0BJJwnDtJKTXXb3/FzGtUmDHtCdxOaL+tW/kLEIryGSM+wOPoD1elGTwqdtoAR0TT5sPpl578x8g+/6BxI38msJMQEAAF6pC5uTz30+ckIDOp1enhLCql97I7GpvRQben/KewMA8B/N1AAbcQrovCTEmFxmQavTqc9wPwL4S8a96pIF9ujCC5tecE5LjG0ud4F1bpdWtGO3cOA9ebBppRUFdrCZnznLeSnzExtEAQAAyWr2AIil/mJe8qDD6rU2YCapm2P67X7IwSwAAKtD9gAAdqQmxPSweV70g//34kQMJnU6vRyX5ZCWFF6Ww4+knUV7llXMesyIC/CVrHvVshzqR4X+SYUXLTgeAzidXtqyHFpJKgQyl7tIZgOXnANwTvS8qpVSfgbHHMG3En//riVvTvlc8ooS62dz+xklFpKbmwAAAGk0Z02rJsT0/HueekC+lFQb4HTqN9b158wh/FiWw5N87n9sGAoA8CfN1ADbiU7CPGtcOy8jIRYcD3rTSt7voGrC+c+yHI4l57NoCTEBrtFK/PXxswX2GjeMUkopzWIhn3gu5nJdyl7YlnMAPlCD4/10PTpvWQ7/Bof8Xko5BscspeRv5lcU4L2nVda7/AAAIABJREFU+A4AAJiRk0fnpB6wE+oBuULGxozyZX/K3ByzFJsh/Ja4Maa1ZgCgW//LHgDAHqzNa6E8aH4qfIfOjO8AdCR7V9ya3WjSgzX5mZWIdkoY0LuM61T95P8Xfb12neZDa1NQSxyC3drPWOe3NXEI2XN8oENyoN1p0QGTc6DZ96Yf5iy5m724HgAAAMlqdEDPQbnkwrqjHpCL+B3l6+AzUEv4n6z3oSXFBQD4kmZqgG18C47XguONpiXEtAMt0+qgAacUTTilJF6HOkiCA3wq6zp1boE9437lOs0FNCd1pINGatcN4CPhJ/EExxtNxvsTnQd/qyXGfjV1AV7mKSalj88fAACYlIasaakH7EtLiKkecFxP2QMgPb8/fUN18uu34T8A0C3N1AB3Siog8qD5iazGTsX/TC47AVrKxE04yQ03LSkuwLUy7lXnFtg1IdGdTjbHmXYu91YPjdTFdQM4I+ka3RJiDmO9f0erCTFLKb9fb/o9atYCvPUakPna0z97AABgTskbS5FEPWB/1ANyjU7WPqfWycbN0zZUrxv/16z4nXz+AABnaaYGuF+NDuhB8yIZCeaaEBO60EtBa/nVhHPMHkSkDhpuLOgBo2gZQc8ssL//34/WguMxrl7mcjV7EFk6mNeVUuQcgA+Fn8KS1Cw8mvD7d2bepZN7VF2Ww78zzVk6aKR2PQAAADJlPQ/1kLOfWY0O2Eneo3fqAbmG62i+Hk4In66hes3nhq/pvOG3BwB0TTM1wP2cLNehpARzZgIC0nW0sPN9liRoDw03HX3uAJ9K3H26vv4fGY0nmg64VGeb40wxl3urh3ndqoeiBqBPNTheD/ek7k2aA+3luzHFJjA9NFKXfj5zAABgMjPmqvlNPWCHJs2FcSOnU+fr6DOYpqG6k3xuS44PAPApzdQAd0g6haMlxBzVVCezQCd6WeDZfRK0k4abXj5vgEtl7Fb+doH9W3Bs12mu0tEmKbufy71alkNdlsO/JX9eV0opzQYMwDlJG8KExxxYiw6Y2UTc2Xdj1w3VnRTe9faZAwAAk8hej/cslEc9YPfUA3IN6+X5evkM6rIc/pXPfTjrzQBA9zRTA9wnuhnCg+Z1WkLM6O8EdGVd0GvJw3i12yRo9sLtKwu4wGiyrlvLcjiu96MaGdd1mhv1cjLxbudyr9bim+wF7bd6KWYA+hN9+koLjje6jOt39ok8vcxXSvnVUN3T/XwTnRTelWJ+AgAAJOhlPZ406gH71hJiqgccVEcnI0+rw8/gxx43SFjnLvK5AAAX0EwNcKOMZoiSc5LesJISzXXPxf5wod6SYrspal1PLuxl4ba3zxngUhnXr28l/trdguOxExa0H+/NnC67Ee2tZ8VawDlJeS7Pm1fIyoEmxPytw/nKrjaB6WzDl5Y9AAAAYB4drcfLjSRRD9g/9YBc63R66Wljxil1+Bl8X5bDj738rjuZu5RicxAAYBCaqQFuV6MDOlnuJhkLDDUhJnSjw4LWUnZQ1PqmkLWmDmTlngQMrCXErCW+aVLhBTfrdEF76Lncq97mdKtmbgd8InzjB8U2NwnPgWZvdtLhfKWUwTf063DDF8V3AABAmM5yty17ABOr0QHl52+iHpBr2aQiX2/53FoG39R7zef+W/q5PvmdAQBD0EwNcLvogiIPmjdISjj3UmwGaTotaC1lLWodqRGnw0LWUtyTgIHNUoyv8IIN9DifG24u92pZDsd1MbunOd0rczvgMzU4nmvSbVpCzB7uaT3OV1439DtmD+QanTUNlFK6zi8CAAA70mHu1sZSuaK/By043i6oB+Ra1s7zdXo4SykDbur9ppawp409zV8AgGFopga4QVIhVEuIuRctOuBoxXLwIL0WPNYyQCPOu8RnTR7OHywyADuw9yadvb8+AnS8oF3LAHO5Vx0W4r33bGEb+Igc6Diy7tvZ9+KO5yul/FeEd8weyGc6nqt4pgEAAB7mdS2+0+ehn9kDmFXSM7zn39u16IC953n4kt9bss43T/zRez6351rC4vcFAAxEMzXAbb5FB1TcfJeMB/Xw7wj0Zr1u9Zwoq6XDROhaxNpr4rOUvj9TgItMsClEyx4A+7AuaLfscXyglg7ncqV0X4j3VpvgegjcJ/wkHjnQu2QUW9eEmH/ovACvlP+aqrvZCGadq/TaRF1KmeKZDQAACLQ+Ax3f5G17XYv3PJRLPeBY1ANyFdfXboySzz12ls/tuZbQ2g4AMJRD9gAARrM+INfgsBrX7nA6vbRlCb/l1eiA0KPT6eW4LIdvpf/fxPdlOXwvv5qFfkYn0NcGoBHeJw03wJ600v919xYWqtjac+n/t/LHXK4k/A7eNHR32ZB0Rhug+QxIlFQk5OSlO6w5mOj70PdSyjE45jlP5VchWc9qKaWueernEjxfebOuMcJcxRwFBtDbplYTmCHf8833Ksae1nl8Z+Lt6fvDTUa4Vo+w5v4Z9WFJ1AOORz0gNxohj7hr62/3ufSfp/xefq1Bt5Kw/jxSPteaMwAwGs3UANer0QEtSG0iPAGzLIejzw5+JczW3Z1HUMuvwtbX68Xr4tWmCdEBm21eWcwD9mSEBtFbaEJiU+uC9iiFBXX95/taQNPK+pvY+tnszXxu1OI88zrgK+HPq/Jom5gyBzrYfKWU/wrxSnnQfOVdEfhI+acZmgVhL0a6tuxFyx7Ag9Uy5vP1iI7ZA9iQa1G8Y/YASFWLa/VDZT9fT65GB/R5b2LKXBi3W/OIrbifpRrocJZSPl5/flQt4SjvyyuN1ADAcDRTA1wvekGuBcfbpclPZoEejFTQ+tbrdeP7ux1tr20+GS3Rec6zYlZgT5J2K384i/c8wkA7hL9X13/Ku+fBVq7feGC01/6ZJ/M64AI1OJ5NHrbRSvw961twvLMGLoSsxXzlN6eYAAAAE5MbyaUecEDqAbnRXjddH8p6OMuPMt5nUcufzdWvZqwltDEmADCk/VUNAzzQeppDNMny7bQSnIBYlkOVMIAhTwj6yvDFqVdqmvOAnRqxOfQzLXsA7NdgO4R/pZZ9vI5baKQGvvTmBIRILSHm7iRtGFR7yYEOXIB3Ti37eB3X0EgNAADMynp8IvWAw2tFPSBXGHhTxj3aU2P7nupOLtFsjAkAjOp/2QMAGEz4A6/E26auPcljC7MlSeBD6/VMEm08kp/Abu2wMEXhBQ+1zgla9ji4md3BgUuFnzTs+rSpjDlhTYh5lvnKsJ5dBwAAgIlZ38mlHnBs6gG5hetuB9QSDs1vCAAYlmZqgOvU4HgeODeU1CxTE2JCt9YkaEseBtdxLwL2rmUPYCsKL4igQWlYNsgBLrKexFODw3ru3FBSDrSrAlLzleE4gQ0AAJiZzaXy1eB4cmEbUg/ILdSv9UND9ZCezF0AgJFppga40LIcjglhW0LMvQtPSCd9d6BbClqHIvkJzGAvBQt7eR0MwHxuOBqpgWvU6ICaKB+iRQfsMAdqfjwG8xQAAGBmNpdKph5wN9QDcjU5qX5oqB6KTWAAgOFppga4XPTpGs1D50O0hJjfEmJC1zTgDEEjNTCFvVzrFNsQzXxuGBqUgGuF50CD480io5G4qxyoArwhmKcAAABT80zUBfWA+9ASYnaVC+NmNmTshHzuEGwCAwDsgmZqgAssy6EmhP2ZEHP31qRLCw5bk75D0DUNOF3TSA3MZvRF0pY9AOZkPtc9DUrAVZJOUxl9HtalpGf6mhDzU28K8FruSDjDPAUAAJidZ6Jk6gH3Qz0gt9IY2hcN1V2TzwUAdkMzNcBlonehlKh5rIzEdE2ICd1bk2wSbX3RSA3MqGUP4E4KL0ijobpbTxa0gRuEn6bi+fOhwhvVkxryP3U6vTTzle60YiMFAABgbtbk+6AecF/UA3IreaqOaKjukkZqAGBXNFMDXKYGx5OgeaCkxHR4Ah5GIQnaFYu2wJSSdivfjMILsq2Lp55j+2FOB1xtPUWlBod173islhCz2xyohuputNPpxVwFAACYmWeiftTgeHJhD6QekFtZa++PWsKuaKQGAHZHMzXAF5JO02gJMWfTogP2eDIL9EIStAsWbYHZjXq6s8ILurAWGpjP5WrFnA64XY0OqEjtsbI2DFob87tkA5h0Cu8AAIDZyd92Qj3gbrXogOoBd0POqjOn00s7nV7+Ka6dmeRzAYBd0kwN8LXwHQQlzkNkFM19S4gJw5AETWXRFpjewM08LXsA8OrNBjktdyRTcsojcK/oHGgLjjerjA2Duj6RxwYwaRTeAQAAs5O/7Yt6wH1SD8hNsjam5GtrTrFlj2NCT/K5AMBeaaYG+ETSKRpOxgiQlKCuPZ/MAr1wSlCodjq9/GPRDuC34e4/ruH0Zt0gx6J2LIvZwF2STk/JaPKdTtKGQTUh5lVsABPu2VwFAACYnEbqjqgH3C/1gNzJ77RTa25RfjGOeQsAsGuaqQE+l7EL5TE65sQyEmA1ISYM580pQS13JLumkBXgby17AFeyoEu3LGqHaMViNrCN8NNT5EBDhc8Zkxr0r/JmAxhz6sd68nsHAAAm1oocbo/UA+6bekBu4nTqvq353H+Kz+iRHMoCAExBMzXA52pwvBYcb2pJierwhDyMSlHrQylkBThjtAVS13J6Z1H7oZ5PpxdFeMDd1lNTanBYz/mxWkLMYXKgNvR7GIV3AADA7JocbrdqcLwWHG9q6gG5k9x159QSPoxDWQCAaWimBvhA0ukZHvLjteiAa5EqcCFFrZtSyArwtZ/ZA7hQyx4AXOrNKdUteSh78DqfO2YPBNiNmhCzJcScVtaGQSPlQG3ot7knhXcAAMDkPBd1Sj3gNFp0wJFyYXxstM3XZ3U6vRxt6L2ZVhzKAgBMRjM1wMfCdwzU3JYio1nGbpRwJUWtd2vFgi3ARQZaJHJPZCjmc3drxXwOeIzoPFWTA02RkQOtCTHvogjvbs828QMAACbnuah/6gHnoB6Qm1mLG4cNve/2dDq9PLlPAQCz0UwNcEbSToEKyhMkNcvUhJiwC2+KWl0zL/cs8QlwtZY9gK+4rjMq87mbmM8BD5F0Ek9GIeP0knKgwxaQKsK7WitOLwEAAObWiuei7qkHnId6QDbgtzsIG3rfxOYvAMDUNFMDnJdR6NUSYvJLeCIlqVgVdkMTzkVeE5/H7IEADKj3+0vv44Mvmc9dxHwOeLRv0QFd01K16IAj50DfFOFpqv5YK04vAQAA5taK56KRqAeci3pAbiaPPR5rzxex9gwAUDRTA3ykBsdrkuqpWkLMYU9mgZ5IhJ4l8QlwpwHm5i17ALAV87m/tPKr+M58Dnio9SSeGhy2BcfjTxn32vCG/a1pqj6rFc0CAADA3J6L56IR1eB46gFztYSY6gH3xdrlgN6tPbfk4fRCLSEAwBuaqQHeSdoh8GdCTFZr4rpFx12LVoENvEmEzlrY2oqmG4Ct9bo4qvCCXTKfU3wHhKsJMXudX00h6f5S95IDfW2qnnwTmNeiO/MVAABgRq28aUbyXDQW9YDzUQ/IvdRfjW29V79ukjljPrcVTdQAAGdppgb4W/gOgR5Wu5CRwLYbJWxswsJWRawAD9LxHF3hBbt2Zj7Xkof0SK0ovgPyZORAW3RM/pKRK6kJMR/q3SYwe88/tWIDPwAAYF6t/Lkmf0weD7dTDzgn9YDc6yl7ANxnXXue6bTqtxt4H7MHAwDQI83UAG8k7Qy492KrISQlDmpCTJjGmcLWljuizbwmPRWxAjxeyx7Ae679zOR1x/CdLW63ovgOSJZ0Eo8caAeS7ju7LSB9V4i3p8bqVmzgBwAAzOm5/LkeL4e7A+oB56UekHtlnXDOY+x07bmUd7WE8rkAAJ87ZA8AoDM1IWZLiMl5rQR/B5blcLTwAo/1PrH9pmh8lGLe51I0zwEkeS59LXi37AFAlrdzocHmc638OvmgWbgGZuaZtiutyIFu7k3+6bgWaddSyrfS1/PER1oxXwEAAObQyt8n1XoW2r+aELMlxOS8VuTCuE9vNQNs4N3acy2/PuMR1p5Lkc8FALjLP9kDAACATG+acXoocG1lXby1sAIAcJnO5nOvp01YvAYASil/FOOVYr4CAAAAANCtd/nc7AbrVtQSAgBsSjM1AACc8aYp59VWydHnd/9b4SoAwAM8aD7XyruTSyxcAwC3eFeUV8p2jdatmK8AAAAAAGzmzNrzo/K5agkBAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAP7fHhwSAAAAAAj6/9oZFgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAABN89yUAAAFjklEQVQAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAACAWQHAX+cuWfG0AAAAAElFTkSuQmCC)

[www.archiviorachelebianchi.it](http://www.archiviorachelebianchi.it)

Via Legnano 14, 20121 Milano

[@archiviorachelebianchi](https://www.instagram.com/archiviorachelebianchi/)

[Archivio Rachele Bianchi](https://www.facebook.com/ArchivioRacheleBianchi)

**Rachele Bianchi: Geo-Metrie al femminile**

Geo: *Primo elemento di parole composte della terminologia dotta e scientifica, derivate dal greco o formate modernamente, in cui significa «terra, globo terrestre, superficie terrestre».*

Metria: *Secondo elemento di composti, derivate dal greco o formate modernamente, nei quali significa ‘misura’ o, più spesso, ‘misurazione'.*

La mostra che inaugura il 4 marzo in occasione di MuseoCity 2022, curata dall’Archivio Rachele Bianchi, è dedicata alla **figura femminile** attraverso le **forme** e le **geometrie**. Una scelta nata dalla riflessione sulla parola composta “geometria” e sui suoi due elementi: “Geo” che richiama alla terra e alla dimensione primordiale generativa della madre femminea e “Metria” che indica la misurazione della forma. Le Geo Metrie indagate ed esposte non sono solo misura ma dimensione del piano femminile su cui Rachele ha lavorato per settant’anni.

Il percorso, che si snoda attraverso 46 opere selezionate tra centinaia disponibili nel deposito dell’Archivio, inizia con cinque disegni a colori degli anni Cinquanta, nei quali Rachele, in contrapposizione alla famiglia, asseconda la sua vocazione all’arte. Nella prima opera **una donna**, senza vesti, si staglia in un campo composto da **geometrie colorate**, perfetta sintesi della ricerca tematica e figurativa propria delle correnti artistiche che la circondavano e la stimolavano.

A poca distanza, come a cercare un dialogo con questa giovane donna, un caratteristico **personaggio in bronzo** dei primi anni del nuovo Millennio composto da tre elementi. Una donna, mezzo secolo dopo, è **sostenuta e accompagnata** dai suoi sogni resi attraverso un **intreccio di reti**.

![Immagine che contiene testo

Descrizione generata automaticamente](data:image/png;base64,iVBORw0KGgoAAAANSUhEUgAAD1MAAAfxCAYAAADhOUGtAAAACXBIWXMAAC4jAAAuIwF4pT92AAAgAElEQVR4nOzBAQEAAACAkP6v7ggKAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAACA2bsX24ZhIAqCTKjC3JmVvi0kLeSDkMZ6poF3DSwOAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAgD3edh8AAAAAAAAAAM9mzuMcY9wXTn5c1+NcuAcAAAAAAADwEt53HwAAAAAAAAAAAAAAAAAAAPAfxNQAAAAAAAAAAAAAAAAAAECSmBoAAAAAAAAAAAAAAAAAAEgSUwMAAAAAAAAAAAAAAAAAAEliagAAAAAAAAAAAAAAAAAAIElMDQAAAAAAAAAAAAAAAAAAJImpAQAAAAAAAAAAAAAAAACAJDE1AAAAAAAAAAAAAAAAAACQJKYGAAAAAAAAAAAAAAAAAACSxNQAAAAAAAAAAAAAAAAAAECSmBoAAAAAAAAAAAAAAAAAAEgSUwMAAAAAAAAAAAAAAAAAAEliagAAAAAAAAAAAAAAAAAAIElMDQAAAAAAAAAAAAAAAAAAJImpAQAAAAAAAAAAAAAAAACAJDE1AAAAAAAAAAAAAAAAAACQJKYGAAAAAAAAAAAAAAAAAACSxNQAAAAAAAAAAAAAAAAAAECSmBoAAAAAAAAAAAAAAAAAAEgSUwMAAAAAAAAAAAAAAAAAAEliagAAAAAAAAAAAAAAAAAAIElMDQAAAAAAAAAAAAAAAAAAJImpAQAAAAAAAAAAAAAAAACAJDE1AAAAAAAAAAAAAAAAAACQJKYGAAAAAAAAAAAAAAAAAACSxNQAAAAAAAAAAAAAAAAAAECSmBoAAAAAAAAAAAAAAAAAAEgSUwMAAAAAAAAAAAAAAAAAAEliagAAAAAAAAAAAAAAAAAAIElMDQAAAAAAAAAAAAAAAAAAJImpAQAAAAAAAAAAAAAAAACAJDE1AAAAAAAAAAAAAAAAAACQJKYGAAAAAAAAAAAAAAAAAACSxNQAAAAAAAAAAAAAAAAAAECSmBoAAAAAAAAAAAAAAAAAAEgSUwMAAAAAAAAAAAAAAAAAAEliagAAAAAAAAAAAAAAAAAAIElMDQAAAAAAAAAAAAAAAAAAJImpAQAAAAAAAAAAAAAAAACAJDE1AAAAAAAAAAAAAAAAAACQJKYGAAAAAAAAAAAAAAAAAACSxNQAAAAAAAAAAAAAAAAAAECSmBoAAAAAAAAAAAAAAAAAAEgSUwMAAAAAAAAAAAAAAAAAAEliagAAAAAAAAAAAAAAAAAAIElMDQAAAAAAAAAAAAAAAAAAJImpAQAAAAAAAAAAAAAAAACAJDE1AAAAAAAAAAAAAAAAAACQJKYGAAAAAAAAAAAAAAAAAACSxNQAAAAAAAAAAAAAAAAAAECSmBoAAAAAAAAAAAAAAAAAAEgSUwMAAAAAAAAAAAAAAAAAAEliagAAAAAAAAAAAAAAAAAAIElMDQAAAAAAAAAAAAAAAAAAJImpAQAAAAAAAAAAAAAAAACAJDE1AAAAAAAAAAAAAAAAAACQJKYGAAAAAAAAAAAAAAAAAACSxNQAAAAAAAAAAAAAAAAAAECSmBoAAAAAAAAAAAAAAAAAAEgSUwMAAAAAAAAAAAAAAAAAAEliagAAAAAAAAAAAAAAAAAAIElMDQAAAAAAAAAAAAAAAAAAJImpAQAAAAAAAAAAAAAAAACAJDE1AAAAAAAAAAAAAAAAAACQJKYGAAAAAAAAAAAAAAAAAACSxNQAAAAAAAAAAAAAAAAAAECSmBoAAAAAAAAAAAAAAAAAAEgSUwMAAAAAAAAAAAAAAAAAAEliagAAAAAAAAAAAAAAAAAAIElMDQAAAAAAAAAAAAAAAAAAJImpAQAAAAAAAAAAAAAAAACAJDE1AAAAAAAAAAAAAAAAAACQJKYGAAAAAAAAAAAAAAAAAACSxNQAAAAAAAAAAAAAAAAAAECSmBoAAAAAAAAAAAAAAAAAAEgSUwMAAAAAAAAAAAAAAAAAAEliagAAAAAAAAAAAAAAAAAAIElMDQAAAAAAAAAAAAAAAAAAJImpAQAAAAAAAAAAAAAAAACAJDE1AAAAAAAAAAAAAAAAAACQJKYGAAAAAAAAAAAAAAAAAACSjt0HAAAAAAAAAAAA8DrmPG5jjNuqvet6nKu2AAAAAAB4PmJqAAAAAAAAAAAAVrqNMe4L986FWwAAAAAAPJn33QcAAAAAAAAAAAAAAAAAAAD8BzE1AAAAAAAAAAAAAAAAAACQJKYGAAAAAAAAAAAAAAAAAACSxNQAAAAAAAAAAAAAAAAAAECSmBoAAAAAAAAAAAAAAAAAAEgSUwMAAAAAAAAAAAAAAAAAAEliagAAAAAAAAAAAAAAAAAAIElMDQAAAAAAAAAAAAAAAAAAJImpAQAAAAAAAAAAAAAAAACAJDE1AAAAAAAAAAAAAAAAAACQJKYGAAAAAAAAAAAAAAAAAACSxNQAAAAAAAAAAAAAAAAAAECSmBoAAAAAAAAAAAAAAAAAAEgSUwMAAAAAAAAAAAAAAAAAAEliagAAAAAAAAAAAAAAAAAAIElMDQAAAAAAAAAAAAAAAAAAJImpAQAAAAAAAAAAAAAAAACAJDE1AAAAAAAAAAAAAAAAAACQJKYGAAAAAAAAAAAAAAAAAACSxNQAAAAAAAAAAAAAAAAAAECSmBoAAAAAAAAAAAAAAAAAAEgSUwMAAAAAAAAAAAAAAAAAAEliagAAAAAAAAAAAAAAAAAAIElMDQAAAAAAAAAAAAAAAAAAJImpAQAAAAAAAAAAAAAAAACAJDE1AAAAAAAAAAAAAAAAAACQJKYGAAAAAAAAAAAAAAAAAACSxNQAAAAAAAAAAAAAAAAAAECSmBoAAAAAAAAAAAAAAAAAAEgSUwMAAAAAAAAAAAAAAAAAAEliagAAAAAAAAAAAAAAAAAAIElMDQAAAAAAAAAAAAAAAAAAJImpAQAAAAAAAAAAAAAAAACAJDE1AAAAAAAAAAAAAAAAAACQJKYGAAAAAAAAAAAAAAAAAACSxNQAAAAAAAAAAAAAAAAAAECSmBoAAAAAAAAAAAAAAAAAAEgSUwMAAAAAAAAAAAAAAAAAAEliagAAAAAAAAAAAAAAAAAAIElMDQAAAAAAAAAAAAAAAAAAJImpAQAAAAAAAAAAAAAAAACAJDE1AAAAAAAAAAAAAAAAAACQJKYGAAAAAAAAAAAAAAAAAACSxNQAAAAAAAAAAAAAAAAAAECSmBoAAAAAAAAAAAAAAAAAAEgSUwMAAAAAAAAAAAAAAAAAAEliagAAAAAAAAAAAAAAAAAAIElMDQAAAAAAAAAAAAAAAAAAJImpAQAAAAAAAAAAAAAAAACAJDE1AAAAAAAAAAAAAAAAAACQJKYGAAAAAAAAAAAAAAAAAACSxNQAAAAAAAAAAAAAAAAAAECSmBoAAAAAAAAAAAAAAAAAAEgSUwMAAAAAAAAAAAAAAAAAAEliagAAAAAAAAAAAAAAAAAAIElMDQAAAAAAAAAAAAAAAAAAJImpAQAAAAAAAAAAAAAAAACAJDE1AAAAAAAAAAAAAAAAAACQJKYGAAAAAAAAAAAAAAAAAACSxNQAAAAAAAAAAAAAAAAAAECSmBoAAAAAAAAAAAAAAAAAAEgSUwMAAAAAAAAAAAAAAAAAAEliagAAAAAAAAAAAAAAAAAAIElMDQAAAAAAAAAAAAAAAAAAJImpAQAAAAAAAAAAAAAAAACAJDE1AAAAAAAAAAAAAAAAAACQJKYGAAAAAAAAAAAAAAAAAACSxNQAAAAAAAAAAAAAAAAAAECSmBoAAAAAAAAAAAAAAAAAAEgSUwMAAAAAAAAAAAAAAAAAAEliagAAAAAAAAAAAAAAAAAAIElMDQAAAAAAAAAAAAAAAAAAJImpAQAAAAAAAAAAAAAAAACAJDE1AAAAAAAAAAAAAAAAAACQJKYGAAAAAAAAAAAAAAAAAACSxNQAAAAAAAAAAAAAAAAAAECSmBoAAAAAAAAAAAAAAAAAAEgSUwMAAAAAAAAAAAAAAAAAAEliagAAAAAAAAAAAAAAAAAAIElMDQAAAAAAAAAAAAAAAAAAJB27DwAAAAAAAH5vzuNz4dzHdT3OhXsAAAAAAAAAAAB/4jM1AAAAAAAAAAAAAAAAAACQJKYGAAAAAAAAAAAAAAAAAACSxNQAAAAAAAAAAAAAAAAAAECSmBoAAAAAAAAAAAAAAAAAAEgSUwMAAAAAAAAAAAAAAAAAAEliagAAAAAAAAAAAAAAAAAAIElMDQAAAAAAAAAAAAAAAAAAJImpAQAAAAAAAAAAAAAAAACAJDE1AAAAAAAAAAAAAAAAAACQJKYGAAAAAAAAAAAAAAAAAACSxNQAAAAAAAAAAAAAAAAAAECSmBoAAAAAAAAAAAAAAAAAAEgSUwMAAAAAAAAAAAAAAAAAAEliagAAAAAAAAAAAAAAAAAAIElMDQAAAAAAAAAAAAAAAAAAJImpAQAAAAAAAAAAAAAAAACAJDE1AAAAAAAAAAAAAAAAAACQJKYGAAAAAAAAAAAAAAAAAACSxNQAAAAAAAAAAAAAAAAAAECSmBoAAAAAAAAAAAAAAAAAAEgSUwMAAAAAAAAAAAAAAAAAAEliagAAAAAAAAAAAAAAAAAAIElMDQAAAAAAAAAAAAAAAAAAJImpAQAAAAAAAAAAAAAAAACAJDE1AAAAAAAAAAAAAAAAAACQJKYGAAAAAAAAAAAAAAAAAACSxNQAAAAAAAAAAAAAAAAAAECSmBoAAAAAAAAAAAAAAAAAAEgSUwMAAAAAAAAAAAAAAAAAAEliagAAAAAAAAAAAAAAAAAAIElMDQAAAAAAAAAAAAAAAAAAJImpAQAAAAAAAAAAAAAAAACAJDE1AAAAAAAAAAAAAAAAAACQJKYGAAAAAAAAAAAAAAAAAACSxNQAAAAAAAAAAAAAAAAAAECSmBoAAAAAAAAAAAAAAAAAAEgSUwMAAAAAAAAAAAAAAAAAAEliagAAAAAAAAAAAAAAAAAAIElMDQAAAAAAAAAAAAAAAAAAJImpAQAAAAAAAAAAAAAAAACAJDE1AAAAAAAAAAAAAAAAAACQJKYGAAAAAAAAAAAAAAAAAACSxNQAAAAAAAAAAAAAAAAAAECSmBoAAAAAAAAAAAAAAAAAAEgSUwMAAAAAAAAAAAAAAAAAAEliagAAAAAAAAAAAAAAAAAAIElMDQAAAAAAAAAAAAAAAAAAJImpAQAAAAAAAAAAAAAAAACAJDE1AAAAAAAAAFoV5oAAACAASURBVAAAAAAAAACQJKYGAAAAAAAAAAAAAAAAAACSxNQAAAAAAAAAAAAAAAAAAECSmBoAAAAAAAAAAAAAAAAAAEgSUwMAAAAAAAAAAAAAAAAAAEliagAAAAAAAAAAAAAAAAAAIElMDQAAAAAAAAAAAAAAAAAAJImpAQAAAAAAAAAAAAAAAACAJDE1AAAAAAAAAAAAAAAAAACQJKYGAAAAAAAAAAAAAAAAAACSxNQAAAAAAAAAAAAAAAAAAECSmBoAAAAAAAAAAAAAAAAAAEgSUwMAAAAAAAAAAAAAAAAAAEliagAAAAAAAAAAAAAAAAAAIElMDQAAAAAAAAAAAAAAAAAAJImpAQAAAAAAAAAAAAAAAACAJDE1AAAAAAAAAAAAAAAAAACQJKYGAAAAAAAAAAAAAAAAAACSxNQAAAAAAAAAAAAAAAAAAECSmBoAAAAAAAAAAAAAAAAAAEgSUwMAAAAAAAAAAAAAAAAAAEliagAAAAAAAAAAAAAAAAAAIElMDQAAAAAAAAAAAAAAAAAAJImpAQAAAAAAAAAAAAAAAACAJDE1AAAAAAAAAAAAAAAAAACQJKYGAAAAAAAAAAAAAAAAAACSxNQAAAAAAAAAAAAAAAAAAECSmBoAAAAAAAAAAAAAAAAAAEgSUwMAAAAAAAAAAAAAAAAAAEliagAAAAAAAAAAAAAAAAAAIElMDQAAAAAAAAAAAAAAAAAAJImpAQAAAAAAAAAAAAAAAACApGP3AQAAAAAAvK45j8/dN/Aj9zmP++4jAAAAAAAAAAAAvstnagAAAAAAAAAAAAAAAAAAIElMDQAAAAAAAAAAAAAAAAAAJImpAQAAAAAAAAAAAAAAAACAJDE1AAAAAAAAAAAAAAAAAACQJKYGAAAAAAAAAAAAAAAAAACSxNQAAAAAAAAAAAAAAAAAAECSmBoAAAAAAAAAAAAAAPhi345OEAaiKIguJn1pZ8bOtC8DFiFmcXJOA+/C+x4AAIAkMTUAAAAAAAAAAAAAAAAAAJAkpgYAAAAAAAAAAAAAAAAAAJLE1AAAAAAAAAAAAAAAAAAAQJKYGgAAAAAAAAAAAAAAAAAASBJTAwAAAAAAAAAAAAAAAAAASWJqAAAAAAAAAAAAAAAAAAAgSUwNAAAAAAAAAAAAAAAAAAAkiakBAAAAAAAAAAAAAAAAAIAkMTUAAAAAAAAAAAAAAAAAAJAkpgYAAAAAAAAAAAAAAAAAAJLE1AAAAAAAAAAAAAAAAAAAQJKYGgAAAAAAAAAAAAAAAAAASBJTAwAAAAAAAAAAAAAAAAAASWJqAAAAAAAAAAAAAAAAAAAgSUwNAAAAAAAAAAAAAAAAAAAkiakBAAAAAAAAAAAAAAAAAIAkMTUAAAAAAAAAAAAAAAAAAJAkpgYAAAAAAAAAAAAAAAAAAJLE1AAAAAAAAAAAAAAAAAAAQNI6ewAAAAAAAKf2mD0g4H7grecY43XgPQCY6TrGuM0eAQAAAAAAAMB3xNQAAAAAAEyz7+9t9oZ/tyzrkTH1y88AOItlWbchpgYAAAAAAAD4e5fZAwAAAAAAAAAAAAAAAAAAAH5BTA0AAAAAAAAAAAAAAAAAACSJqQEAAAAAAAAAAAAAAAAAgCQxNQAAAAAAAAAAAAAAAAAAkCSmBgAAAAAAAAAAAAAAAAAAksTUAAAAAAAAAAAAAAAAAABAkpgaAAAAAAAAAAAAAAAAAABIElMDAAAAAAAAAAAAAAAAAABJYmoAAAAAAAAAAAAAAAAAACBJTA0AAAAAAAAAAAAAAAAAACSJqQEAAAAAAAAAAAAAAAAAgCQxNQAAAAAAAAAAAAAAAAAAkCSmBgAAAAAAAAAAAAAAAAAAksTUAAAAAAAAAAAAAAAAAABAkpgaAAAAAAAAAAAAAAAAAABIElMDAAAAAAAAAAAAAAAAAABJYmoAAAAAAAAAAAAAAAAAACBJTA0AAAAAAAAAAAAAAAAAACSJqQEAAAAAAAAAAAAAAAAAgCQxNQAAAAAAAAAAAAAAAAAAkCSmBgAAAAAAAAAAAAAAAAAAksTUAAAAAAAAAAAAAAAAAABAkpgaAAAAAAAAAAAAAAAAAABIElMDAAAAAAAAAAAAAAAAAABJYmoAAAAAAAAAAAAAAAAAACBJTA0AAAAAAAAAAAAAAAAAACSJqQEAAAAAAAAAAAAAAAAAgCQxNQAAAAAAAAAAAAAAAAAAkCSmBgAAAAAAAAAAAAAAAAAAksTUAAAAAAAAAAAAAAAAAABAkpgaAAAAAAAAAAAAAAAAAABIElMDAAAAAAAAAAAAAAAAAABJYmoAAAAAAAAAAAAAAAAAACBJTA0AAAAAAAAAAAAAAAAAACSJqQEAAAAAAAAAAAAAAAAAgCQxNQAAAAAAAAAAAAAAAAAAkCSmBgAAAAAAAAAAAAAAAAAAksTUAAAAAAAAAAAAAAAAAABAkpgaAAAAAAAAAAAAAAAAAABIElMDAAAAAAAAAAAAAAAAAABJYmoAAAAAAAAAAAAAAAAAACBJTA0AAAAAAAAAAAAAAAAAACSJqQEAAAAAAAAAAAAAAAAAgCQxNQAAAAAAAAAAAAAAAAAAkCSmBgAAAAAAAAAAAAAAAAAAksTUAAAAAAAAAAAAAAAAAABAkpgaAAAAAAAAAAAAAAAAAABIElMDAAAAAAAAAAAAAAAAAABJYmoAAAAAAAAAAAAAAAAAACBJTA0AAAAAAAAAAAAAAAAAACSJqQEAAAAAAAAAAAAAAAAAgCQxNQAAAAAAAAAAAAAAAAAAkCSmBgAAAAAAAAAAAAAAAAAAksTUAAAAAAAAAAAAAAAAAABAkpgaAAAAAAAAAAAAAAAAAABIElMDAAAAAAAAAAAAAAAAAABJYmoAAAAAAAAAAAAAAAAAACBJTA0AAAAAAAAAAAAAAAAAACSJqQEAAAAAAAAAAAAAAAAAgCQxNQAAAAAAAAAAAAAAAAAAkCSmBgAAAAAAAAAAAAAAAAAAksTUAAAAAAAAAAAAAAAAAABAkpgaAAAAAAAAAAAAAAAAAABIElMDAAAAAAAAAAAAAAAAAABJYmoAAAAAAAAAAAAAAAAAACBJTA0AAAAAAAAAAAAAAAAAACSJqQEAAAAAAAAAAAAAAAAAgCQxNQAAAAAAAAAAAAAAAAAAkCSmBgAAAAAAAAAAAAAAAAAAksTUAAAAAAAAAAAAAAAAAABAkpgaAAAAAAAAAAAAAAAAAABIElMDAAAAAAAAAAAAAAAAAABJYmoAAAAAAAAAAAAAAAAAACBJTA0AAAAAAAAAAAAAAAAAACSJqQEAAAAAAAAAAAAAAAAAgCQxNQAAAAAAAAAAAAAAAAAAkCSmBgAAAAAAAAAAAAAAAAAAksTUAAAAAAAAAAAAAAAAAABAkpgaAAAAAAAAAAAAAAAAAABIElMDAAAAAAAAAAAAAAAAAABJYmoAAAAAAAAAAAAAAAAAACBJTA0AAAAAAAAAAAAAAAAAACSJqQEAAAAAAAAAAAAAAAAAgCQxNQAAAAAAAAAAAAAAAAAAkCSmBgAAAAAAAAAAAAAAAAAAksTUAAAAAAAAAAAAAAAAAABAkpgaAAAAAAAAAAAAAAAAAABIElMDAAAAAAAAAAAAAAAAAABJYmoAAAAAAAAAAAAAAAAAACBJTA0AAAAAAAAAAAAAAAAAACSJqQEAAAAAAAAAAAAAAAAAgCQxNQAAAAAAAAAAAAAAAAAAkCSmBgAAAAAAAAAAAAAAAAAAksTUAAAAAAAAAAAAAAAAAABAkpgaAAAAAAAAAAAAAAAAAABIElMDAAAAAAAAAAAAAAAAAABJYmoAAAAAAAAAAAAAAAAAACBJTA0AAAAAAAAAAAAAAAAAACSJqQEAAAAAAAAAAAAAAAAAgCQxNQAAAAAAAAAAAAAAAAAAkCSmBgAAAAAAAAAAAAAAAAAAksTUAAAAAAAAAAAAAAAAAABAkpgaAAAAAAAAAAAAAAAAAABIElMDAAAAAAAAAAAAAAAAAABJYmoAAAAAAAAAAAAAAAAAACBJTA0AAAAAAAAAAAAAAAAAACSJqQEAAAAAAAAAAAAAAAAAgCQxNQAAAAAAAAAAAAAAAAAAkCSmBgAAAAAAAAAAAAAAAAAAksTUAAAAAAAAAAAAAAAAAABAkpgaAAAAAAAAAAAAAAAAAABIElMDAAAAAAAAAAAAAAAAAABJYmoAAAAAAAAAAAAAAAAAACBJTA0AAAAAAAAAAAAAAAAAACSJqQEAAAAAAAAAAAAAAAAAgCQxNQAAAAAAAAAAAAAAAAAAkCSmBgAAAAAAAAAAAAAAAAAAksTUAAAAAAAAAAAAAAAAAABAkpgaAAAAAAAAAAAAAAAAAABIElMDAAAAAAAAAAAAAAAAAABJYmoAAAAAAAAAAAAAAAAAACBJTA0AAAAAAAAAAAAAAAAAACSJqQEAAAAAAAAAAAAAAAAAgCQxNQAAAAAAAAAAAAAAAAAAkCSmBgAAAAAAAAAAAAAAAAAAksTUAAAAAAAAAAAAAAAAAABAkpgaAAAAAAAAAAAAAAAAAABIElMDAAAAAAAAAAAAAAAAAABJYmoAAAAAAAAAAAAAAAAAACBJTA0AAAAAAAAAAAAAAAAAACSJqQEAAAAAAAAAAAAAAAAAgCQxNQAAAAAAAAAAAAAAAAAAkCSmBgAAAAAAAAAAAAAAAAAAksTUAAAAAAAAAAAAAAAAAABAkpgaAAAAAAAAAAAAAAAAAABIElMDAAAAAAAAAAAAAAAAAABJYmoAAAAAAAAAAAAAAAAAACBJTA0AAAAAAAAAAAAAAAAAACSJqQEAAAAAAAAAAAAAAAAAgCQxNQAAAAAAAAAAAAAAAAAAkCSmBgAAAAAAAAAAAAAAAAAAksTUAAAAAAAAAAAAAAAAAABAkpgaAAAAAAAAAAAAAAAAAABIElMDAAAAAAAAAAAAAAAAAABJYmoAAAAAAAAAAAAAAAAAACBJTA0AAAAAAAAAAAAAAAAAACSJqQEAAAAAAAAAAAAAAAAAgCQxNQAAAAAAAAAAAAAAAAAAkCSmBgAAAAAAAAAAAAAAAAAAksTUAAAAAAAAAAAAAAAAAABAkpgaAAAAAAAAAAAAAAAAAABIElMDAAAAAAAAAAAAAAAAAABJYmoAAAAAAAAAAAAAAAAAACBJTA0AAAAAAAAAAAAAAAAAACSJqQEAAAAAAAAAAAAAAAAAgCQxNQAAAAAAAAAAAAAAAAAAkCSmBgAAAAAAAAAAAAAAAAAAksTUAAAAAAAAAAAAAAAAAABAkpgaAAAAAAAAAAAAAAAAAABIElMDAAAAAAAAAAAAAAAAAABJYmoAAAAAAAAAAAAAAAAAACBJTA0AAAAAAAAAAAAAAAAAACSJqQEAAAAAAAAAAAAAAAAAgCQxNQAAAAAAAAAAAAAAAAAAkCSmBgAAAAAAAAAAAAAAAAAAksTUAAAAAAAAAAAAAAAAAABAkpgaAAAAAAAAAAAAAAAAAABIElMDAAAAAAAAAAAAAAAAAABJYmoAAAAAAAAAAAAAAAAAACBJTA0AAAAAAAAAAAAAAAAAACSJqQEAAAAAAAAAAAAAAAAAgCQxNQAAAAAAAAAAAAAAAAAAkCSmBgAAAAAAAAAAAAAAAAAAksTUAAAAAAAAAAAAAAAAAABAkpgaAAAAAAAAAAAAAAAAAABIElMDAAAAAAAAAAAAAAAAAABJYmoAAAAAAAAAAAAAAAAAACBJTA0AAAAAAAAAAAAAAAAAACSJqQEAAAAAAAAAAAAAAAAAgCQxNQAAAAAAAAAAAAAAAAAAkCSmBgAAAAAAAAAAAAAAAAAAksTUAAAAAAAAAAAAAAAAAABAkpgaAAAAAAAAAAAAAAAAAABIElMDAAAAAAAAAAAAAAAAAABJYmoAAAAAAAAAAAAAAAAAACBJTA0AAAAAAAAAAAAAAAAAACSJqQEAAAAAAAAAAAAAAAAAgCQxNQAAAAAAAAAAAAAAAAAAkCSmBgAAAAAAAAAAAAAAAAAAksTUAAAAAAAAAAAAAAAAAABAkpgaAAAAAAAAAAAAAAAAAABIElMDAAAAAAAAAAAAAAAAAABJYmoAAAAAAAAAAAAAAAAAACBJTA0AAAAAAAAAAAAAAAAAACSJqQEAAAAAAAAAAAAAAAAAgCQxNQAAAAAAAAAAAAAAAAAAkCSmBgAAAAAAAAAAAAAAAAAAksTUAAAAAAAAAAAAAAAAAABAkpgaAAAAAAAAAAAAAAAAAABIElMDAAAAAAAAAAAAAAAAAABJYmoAAAAAAAAAAAAAAAAAACBJTA0AAAAAAAAAAAAAAAAAACSJqQEAAAAAAAAAAAAAAAAAgCQxNQAAAAAAAAAAAAAAAAAAkCSmBgAAAAAAAAAAAAAAAAAAksTUAAAAAAAAAAAAAAAAAABAkpgaAAAAAAAAAAAAAAAAAABIElMDAAAAAAAAAAAAAAAAAABJYmoAAAAAAAAAAAAAAAAAACBJTA0AAAAAAAAAAAAAAAAAACSJqQEAAAAAAAAAAAAAAAAAgCQxNQAAAAAAAAAAAAAAAAAAkCSmBgAAAAAAAAAAAAAAAAAAksTUAAAAAAAAAAAAAAAAAABAkpgaAAAAAAAAAAAAAAAAAABIElMDAAAAAAAAAAAAAAAAAABJYmoAAAAAAAAAAAAAAAAAACBJTA0AAAAAAAAAAAAAAAAAACSJqQEAAAAAAAAAAAAAAAAAgCQxNQAAAAAAAAAAAAAAAAAAkCSmBgAAAAAAAAAAAAAAAAAAksTUAAAAAAAAAAAAAAAAAABAkpgaAAAAAAAAAAAAAAAAAABIElMDAAAAAAAAAAAAAAAAAABJYmoAAAAAAAAAAAAAAAAAACBJTA0AAAAAAAAAAAAAAAAAACSJqQEAAAAAAAAAAAAAAAAAgCQxNQAAAAAAAAAAAAAAAAAAkCSmBgAAAAAAAAAAAAAAAAAAksTUAAAAAAAAAAAAAAAAAABAkpgaAAAAAAAAAAAAAAAAAABIElMDAAAAAAAAAAAAAAAAAABJYmoAAAAAAAAAAAAAAAAAACBJTA0AAAAAAAAAAAAAAAAAACSJqQEAAAAAAAAAAAAAAAAAgCQxNQAAAAAAAAAAAAAAAAAAkCSmBgAAAAAAAAAAAAAAAAAAksTUAAAAAAAAAAAAAAAAAABAkpgaAAAAAAAAAAAAAAAAAABIElMDAAAAAAAAAAAAAAAAAABJYmoAAAAAAAAAAAAAAAAAACBJTA0AAAAAAAAAAAAAAAAAACSJqQEAAAAAAAAAAAAAAAAAgCQxNQAAAAAAAAAAAAAAAAAAkCSmBgAAAAAAAAAAAAAAAAAAksTUAAAAAAAAAAAAAAAAAABAkpgaAAAAAAAAAAAAAADgw94d3DYMAwEQpCP3lXQWuzOnLxFxDwZCReuZBu5+9+GCAABAkpgaAAAAAAAAAAAAAAAAAABIElMDAAAAAAAAAAAAAAAAAABJYmoAAAAAAAAAAAAAAAAAACBJTA0AAAAAAAAAAAAAAAAAACSJqQEAAAAAAAAAAAAAAAAAgCQxNQAAAAAAAAAAAAAAAAAAkCSmBgAAAAAAAAAAAAAAAAAAksTUAAAAAAAAAAAAAAAAAABAkpgaAAAAAAAAAAAAAAAAAABIElMDAAAAAAAAAAAAAAAAAABJYmoAAAAAAAAAAAAAAAAAACBJTA0AAAAAAAAAAAAAAAAAACSJqQEAAAAAAAAAAAAAAAAAgCQxNQAAAAAAAAAAAAAAAAAAkCSmBgAAAAAAAAAAAAAAAAAAksTUAAAAAAAAAAAAAAAAAABAkpgaAAAAAAAAAAAAAAAAAABIElMDAAAAAAAAAAAAAAAAAABJYmoAAAAAAAAAAAAAAAAAACBJTA0AAAAAAAAAAAAAAAAAACSJqQEAAAAAAAAAAAAAAAAAgCQxNQAAAAAAAAAAAAAAAAAAkCSmBgAAAAAAAAAAAAAAAAAAksTUAAAAAAAAAAAAAAAAAABAkpgaAAAAAAAAAAAAAAAAAABIElMDAAAAAAAAAAAAAAAAAABJYmoAAAAAAAAAAAAAAAAAACBJTA0AAAAAAAAAAAAAAAAAACSJqQEAAAAAAAAAAAAAAAAAgCQxNQAAAAAAAAAAAAAAAAAAkCSmBgAAAAAAAAAAAAAAAAAAksTUAAAAAAAAAAAAAAAAAABAkpgaAAAAAAAAAAAAAAAAAABIElMDAAAAAAAAAAAAAAAAAABJYmoAAAAAAAAAAAAAAAAAACDpcvQCAAAAAADA67bt+rtw3GOM8bNwHgAc6XOM8bVw3mO4swC8j9V39r5wVtKc++3oHQAAAAAAXiWmBgAAAACAE1scUwMAAABvaM7dW0MAAAAA4LQ+jl4AAAAAAAAAAAAAAAAAAADgL4ipAQAAAAAAAAAAAAAAAACAJDE1AAAAAAAAAAAAAAAAAACQJKYGAAAAAAAAAAAAAAAAAACSxNQAAAAAAAAAAAAAAAAAAECSmBoAAAAAAAAAAAAAAAAAAEgSUwMAAAAAAAAAAAAAAAAAAEliagAAAAAAAAAAAAAAAAAAIElMDQAAAAAAAAAAAAAAAAAAJImpAQAAAAAAAAAAAAAAAACAJDE1AAAAAAAAAAAAAAAAAACQJKYGAAAAAAAAAAAAAAAAAACSxNQAAAAAAAAAAAAAAAAAAECSmBoAAAAAAAAAAAAAAAAAAEgSUwMAAAAAAAAAAAAAAAAAAEliagAAAAAAAAAAAAAAAAAAIElMDQAAAAAAAAAAAAAAAAAAJImpAQAAAAAAAAAAAAAAAACAJDE1AAAAAAAAAAAAAAAAAACQJKYGAAAAAAAAAAAAAAAAAACSxNQAAAAAAAAAAAAAAAAAAECSmBoAAAAAAAAAAAAAAAAAAEgSUwMAAAAAAAAAAAAAAAAAAEliagAAAAAAAAAAAAAAAAAAIElMDQAAAAAAAAAAAAAAAAAAJImpAQAAAAAAAAAAAAAAAACApOvRCwAAAAAAAKdxn3O/Hb0EAKywbdfbGON74Uh3FoC3sfrOzrlfVs0CAAAAAOD/8TM1AAAAAAAAAAAAAAAAAACQJKYGAAAAAAAAAAAAAAAAAACSxNQAAAAAAAAAAAAAAAAAAECSmBoAAAAAAAAAAAAAAAAAAEgSUwMAAAAAAAAAAAAAAAAAAEliagAAAAAAAAAAAAAAAAAAIElMDQAAAAAAAAAAAAAAAAAAJImpAQAAAAAAAAAAAAAAAACAJDE1AAAAAAAAAAAAAAAAAACQJKYGAAAAAAAAAAAAAAAAAACSxNQAAAAAAAAAAAAAAAAAAECSmBoAAAAAAAAAAAAAAAAAAEgSUwMAAAAAAAAAAAAAAAAAAEliagAAAAAAAAAAAAAAAAAAIElMDQAAAAAAAAAAAAAAAAAAJImpAQAAAAAAAAAAAAAAAACAJDE1AAAAAAAAAAAAAAAAAACQJKYGAAAAAAAAAAAAAAAAAACSxNQAAAAAAAAAAAAAAAAAAECSmBoAAAAAAAAAAAAAAAAAAEgSUwMAAAAAAAAAAAAAAAAAAEliagAAAAAAAAAAAAAAAAAAIElMDQAAAAAAAAAAAAAAAAAAJImpAQAAAAAAAAAAAAAAAACAJDE1AAAAAAAAAAAAAAAAAACQJKYGAAAAAAAAAAAAAAAAAACSxNQAAAAAAAAAAAAAAAAAAECSmBoAAAAAAAAAAAAAAAAAAEgSUwMAAAAAAAAAAAAAAAAAAEliagAAAAAAAAAAAAAAAAAAIElMDQAAAAAAAAAAAAAAAAAAJImpAQAAAAAAAAAAAAAAAACAJDE1AAAAAAAAAAAAAAAAAACQJKYGAAAAAAAAAAAAAAAAAACSxNQAAAAAAAAAAAAAAAAAAECSmBoAAAAAAAAAAAAAAAAAAEgSUwMAAAAAAAAAAAAAAAAAAEliagAAAAAAAAAAAAAAAAAAIElMDQAAAAAAAAAAAAAAAAAAJImpAQAAAAAAAAAAAAAAAACAJDE1AAAAAAAAAAAAAAAAAACQJKYGAAAAAAAAAAAAAAAAAACSxNQAAAAAAAAAAAAAAAAAAECSmBoAAAAAAAAAAAAAAAAAAEgSUwMAAAAAAAAAAAAAAAAAAEliagAAAAAAAAAAAAAAAAAAIElMDQAAAAAAAAAAAAAAAAAAJImpAQAAAAAAAAAAAAAAAACAJDE1AAAAAAAAAAAAAAAAAACQJKYGAAAAAAAAAAAAAAAAAACSxNQAAAAAAAAAAAAAAAAAAECSmBoAAAAAAAAAAAAAAAAAAEgSUwMAAAAAAAAAAAAAAAAAAEliagAAAAAAAAAAAAAAAAAAIElMDQAAAAAAAAAAAAAAAAAAJImpAQAAAAAAAAAAAAAAAACAJDE1AAAAAAAAAAAAAAAAAACQJKYGAAAAAAAAAAAAAAAAAACSxNQAAAAAAAAAAAAAAAAAAECSmBoAAAAAAAAAAAAAAAAAAEgSUwMAAAAAAAAAAAAAAAAAAEliagAAAAAAAAAAAAAAAAAAIElMDQAAAAAAAAAAAAAAAAAAJImpAQAAAAAAAAAAAAAAAACAJDE1AAAAAAAAAAAAAAAAAACQJKYGAAAAAAAAAAAAAAAAAACSxNQAAAAAAAAAAAAAAAAAAECSmBoAAAAAAAAAAAAAAAAAAEgSUwMAAAAAAAAAAAAAAAAAAEliagAAAAAAAAAAAAAAAAAAIElMDQAAAAAAAAAAAAAAAAAAJImpAQAAAAAAAAAAAAAAAACAJDE1AAAAAAAAAAAAAAAAAACQJKYGAAAAAAAAAAAAAAAAAACSxNQAAAAAAAAAAAAAAAAAAECSmBoAAAAAAAAAAAAAAAAAAEgSUwMAAAAAAAAAAAAAAAAAAEliagAAAAAAAAAAAAAAAAAAIElMDQAAAAAAAAAAAAAAAAAAJImpAQAAAAAAAAAAAAAAAACAJDE1AAAAAAAAAAAAAAAAAACQJKYGAAAAAAAAEjO+ygAAIABJREFUAAAAAAAAAACSxNQAAAAAAAAAAAAAAAAAAECSmBoAAAAAAAAAAAAAAAAAAEgSUwMAAAAAAAAAAAAAAAAAAEliagAAAAAAAAAAAAAAAAAAIElMDQAAAAAAAAAAAAAAAAAAJImpAQAAAAAAAAAAAAAAAACAJDE1AAAAAAAAAAAAAAAAAACQJKYGAAAAAAAAAAAAAAAAAACSxNQAAAAAAAAAAAAAAAAAAECSmBoAAAAAAAAAAAAAAAAAAEgSUwMAAAAAAAAAAAAAAAAAAEliagAAAAAAAAAAAAAAAAAAIElMDQAAAAAAAAAAAAAAAAAAJImpAQAAAAAAAAAAAAAAAACAJDE1AAAAAAAAAAAAAAAAAACQJKYGAAAAAAAAAAAAAAAAAACSxNQAAAAAAAAAAAAAAAAAAECSmBoAAAAAAAAAAAAAAAAAAEgSUwMAAAAAAAAAAAAAAAAAAEliagAAAAAAAAAAAAAAAAAAIElMDQAAAAAAAAAAAAAAAAAAJImpAQAAAAAAAAAAAAAAAACAJDE1AAAAAAAAAAAAAAAAAACQJKYGAAAAAAAAAAAAAAAAAACSxNQAAAAAAAAAAAAAAAAAAECSmBoAAAAAAAAAAAAAAAAAAEgSUwMAAAAAAAAAAAAAAAAAAEliagAAAAAAAAAAAAAAAAAAIElMDQAAAAAAAAAAAAAAAAAAJImpAQAAAAAAAAAAAAAAAACAJDE1AAAAAAAAAAAAAAAAAACQJKYGAAAAAAAAAAAAAAAAAACSxNQAAAAAAAAAAAAAAAAAAECSmBoAAAAAAAAAAAAAAAAAAEgSUwMAAAAAAAAAAAAAAAAAAEliagAAAAAAAAAAAAAAAAAAIElMDQAAAAAAAAAAAAAAAAAAJImpAQAAAAAAAAAAAAAAAACAJDE1AAAAAAAAAAAAAAAAAACQJKYGAAAAAAAAAAAAAAAAAACSxNQAAAAAAAAAAAAAAAAAAECSmBoAAAAAAAAAAAAAAAAAAEgSUwMAAAAAAAAAAAAAAAAAAEliagAAAAAAAAAAAAAAAAAAIElMDQAAAAAAAAAAAAAAAAAAJImpAQAAAAAAAAAAAAAAAACAJDE1AAAAAAAAAAAAAAAAAACQJKYGAAAAAAAAAAAAAAAAAACSxNQAAAAAAAAAAAAAAAAAAECSmBoAAAAAAAAAAAAAAAAAAEgSUwMAAAAAAAAAAAAAAAAAAEliagAAAAAAAAAAAAAAAAAAIElMDQAAAAAAAAAAAAAAAAAAJImpAQAAAAAAAAAAAAAAAACAJDE1AAAAAAAAAAAAAAAAAACQJKYGAAAAAAAAAAAAAAAAAACSxNQAAAAAAAAAAAAAAAAAAECSmBoAAAAAAAAAAAAAAAAAAEgSUwMAAAAAAAAAAAAAAAAAAEliagAAAAAAAAAAAAAAAAAAIElMDQAAAAAAAAAAAAAAAAAAJImpAQAAAAAAAAAAAAAAAACAJDE1AAAAAAAAAAAAAAAAAACQJKYGAAAAAAAAAAAAAAAAAACSxNQAAAAAAAAAAAAAAAAAAECSmBoAAAAAAAAAAAAAAAAAAEgSUwMAAAAAAAAAAAAAAAAAAEliagAAAAAAAAAAAAAAAAAAIElMDQAAAAAAAAAAAAAAAAAAJImpAQAAAAAAAAAAAAAAAACAJDE1AAAAAAAAAAAAAAAAAACQJKYGAAAAAAAAAAAAAAAAAACSxNQAAAAAAAAAAAAAAAAAAECSmBoAAAAAAAAAAAAAAAAAAEgSUwMAAAAAAAAAAAAAAAAAAEliagAAAAAAAAAAAAAAAAAAIElMDQAAAAAAAAAAAAAAAAAAJImpAQAAAAAAAAAAAAAAAACAJDE1AAAAAAAAAAAAAAAAAACQJKYGAAAAAAAAAAAAAAAAAACSxNQAAAAAAAAAAAAAAAAAAECSmBoAAAAAAAAAAAAAAAAAAEgSUwMAAAAAAAAAAAAAAAAAAEliagAAAAAAAAAAAAAAAAAAIElMDQAAAAAAAAAAAAAAAAAAJImpAQAAAAAAAAAAAAAAAACAJDE1AAAAAAAAAAAAAAAAAACQJKYGAAAAAAAAAAAAAAAAAACSxNQAAAAAAAAAAAAAAAAAAECSmBoAAAAAAAAAAAAAAAAAAEgSUwMAAAAAAAAAAAAAAAAAAEliagAAAAAAAAAAAAAAAAAAIElMDQAAAAAAAAAAAAAAAAAAJImpAQAAAAAAAAAAAAAAAACAJDE1AAAAAAAAAAAAAAAAAACQJKYGAAAAAAAAAAAAAAAAAACSxNQAAAAAAAAAAAAAAAAAAECSmBoAAAAAAAAAAAAAAAAAAEgSUwMAAAAAAAAAAAAAAAAAAEliagAAAAAAAAAAAAAAAAAAIElMDQAAAAAAAAAAAAAAAAAAJImpAQAAAAAAAAAAAAAAAACAJDE1AAAAAAAAAAAAAAAAAACQJKYGAAAAAAAAAAAAAAAAAACSxNQAAAAAAAAAAAAAAAAAAECSmBoAAAAAAAAAAAAAAAAAAEgSUwMAAAAAAAAAAAAAAAAAAEliagAAAAAAAAAAAAAAAAAAIElMDQAAAAAAAAAAAAAAAAAAJImpAQAAAAAAAAAAAAAAAACAJDE1AAAAAAAAAAAAAAAAAACQJKYGAAAAAAAAAAAAAAAAAACSxNQAAAAAAAAAAAAAAAAAAECSmBoAAAAAAAAAAAAAAAAAAEgSUwMAAAAAAAAAAAAAAAAAAEliagAAAAAAAAAAAAAAAAAAIElMDQAAAAAAAAAAAAAAAAAAJImpAQAAAAAAAAAAAAAAAACAJDE1AAAAAAAAAAAAAAAAAACQJKYGAAAAAAAAAAAAAAAAAACSxNQAAAAAAAAAAAAAAAAAAECSmBoAAAAAAAB4sncHRwgCURQEEck/JgJjS+8evMHq0J3AvgD+1AIAAAAAAAAAJImpAQAAAAAAAAAAAAAAAACAJDE1AAAAAAAAAAAAAAAAAACQJKYGAAAAAAAAAAAAAAAAAACSxNQAAAAAAAAAAAAAAAAAAECSmBoAAAAAAAAAAAAAAAAAAEgSUwMAAAAAAAAAAAAAAAAAAEliagAAAAAAAAAAAAAAAAAAIElMDQAAAAAAAAAAAAAAAAAAJImpAQAAAAAAAAAAAAAAAACAJDE1AAAAAAAAAAAAAAAAAACQJKYGAAAAAAAAAAAAAAAAAACSxNQAAAAAAAAAAAAAAAAAAECSmBoAAAAAAAAAAAAAAAAAAEgSUwMAAAAAAAAAAAAAAAAAAEliagAAAAAAAAAAAAAAAAAAIElMDQAAAAAAAAAAAAAAAAAAJImpAQAAAAAAAAAAAAAAAACAJDE1AAAAAAAAAAAAAAAAAACQJKYGAAAAAAAAAAAAAAAAAACSxNQAAAAAAAAAAAAAAAAAAECSmBoAAAAAAAAAAAAAAAAAAEgSUwMAAAAAAAAAAAAAAAAAAEliagAAAAAAAAAAAAAAAAAAIElMDQAAAAAAAAAAAAAAAAAAJImpAQAAAAAAAAAAAAAAAACAJDE1AAAAAAAAAAAAAAAAAACQJKYGAAAAAAAAAAAAAAAAAACSxNQAAAAAAAAAAAAAAAAAAECSmBoAAAAAAAAAAAAAAAAAAEgSUwMAAAAAAAAAAAAAAAAAAEliagAAAAAAAAAAAAAAAAAAIElMDQAAAAAAAAAAAAAAAAAAJImpAQAAAAAAAAAAAAAAAACAJDE1AAAAAAAAAAAAAAAAAACQJKYGAAAAAAAAAAAAAAAAAACSxNQAAAAAAAAAAAAAAAAAAECSmBoAAAAAAAAAAAAAAAAAAEgSUwMAAAAAAAAAAAAAAAAAAEliagAAAAAAAAAAAAAAAAAAIElMDQAAAAAAAAAAAAAAAAAAJImpAQAAAAAAAAAAAAAAAACAJDE1AAAAAAAAAAAAAAAAAACQJKYGAAAAAAAAAAAAAAAAAACSxNQAAAAAAAAAAAAAAAAAAECSmBoAAAAAAAAAAAAAAAAAAEgSUwMAAAAAAAAAAAAAAAAAAEliagAAAAAAAAAAAAAAAAAAIElMDQAAAAAAAAAAAAAAAAAAJImpAQAAAAAAAAAAAAAAAACAJDE1AAAAAAAAAAAAAAAAAACQJKYGAAAAAAAAAAAAAAAAAACSxNQAAAAAAAAAAAAAAAAAAECSmBoAAAAAAAAAAAAAAAAAAEgSUwMAAAAAAAAAAAAAAAAAAEliagAAAAAAAAAAAAAAAAAAIElMDQAAAAAAAAAAAAAAAAAAJImpAQAAAAAAAAAAAAAAAACAJDE1AAAAAAAAAAAAAAAAAACQJKYGAAAAAAAAAAAAAAAAAACSxNQAAAAAAAAAAAAAAAAAAECSmBoAAAAAAAAAAAAAAAAAAEgSUwMAAAAAAAAAAAAAAAAAAEliagAAAAAAAAAAAAAAAAAAIElMDQAAAAAAAAAAAAAAAAAAJImpAQAAAAAAAAAAAAAAAACApG32AAAAAAAAAAD4QXv8PQAAAAAAAIBbEFMDAAAAAAAAwIcxjn0ROAMAAAAAAAD8vXX2AAAAAAAAAAAAAAAAAAAAgDOIqQEAAAAAAAAAAAAAAAAAgCQxNQAAAAAAAAAAAAAAAAAAkCSmBgAAAAAAAAAAAAAAAAAAksTUAAAAAAAAAAAAAAAAAABAkpgaAAAAAAAAAAAAAAAAAABIElMDAAAAAAAAAAAAAAAAAABJYmoAAAAAAAAAAAAAAAAAACBJTA0AAAAAAAAAAAAAAAAAACSJqQEAAAAAAAAAAAAAAAAAgCQxNQAAAAAAAAAAAAAAAAAAkCSmBgAAAAAAAAAAAAAAAAAAksTUAAAAAAAAAAAAAAAAAABAkpgaAAAAAAAAAAAAAAAAAABIElMDAAAAAAAAAAAAAAAAAABJYmoAAAAAAAAAAAAAAAAAACBJTA0AAAAAAAAAAAAAAAAAACSJqQEAAAAAAAAAAAAAAAAAgCQxNQAAAAAAAAAAAAAAAAAAkCSmBgAAAAAAAAAAAAAAAAAAksTUAAAAAAAAAAAAAAAAAABAkpgaAAAAAAAAAAAAAAAAAABIElMDAAAAAAAAAAAAAAAAAABJYmoAAAAAAAAAAAAAAAAAACBJTA0AAAAAAAAAAAAAAAAAACSJqQEAAAAAAAAAAAAAAAAAgCQxNQAAAAAAAAAAAAAAAAAAkCSmBgAAAAAAAAAAAAAAAAAAksTUAAAAAAAAAAAAAAAAAABAkpgaAAAAAAAAAAAAAAAAAABIElMDAAAAAAAAAAAAAAAAAABJYmoAAAAAAAAAAAAAAAAAACBJTA0AAAAAAAAAAAAAAAAAACSJqQEAAAAAAAAAAAAAAAAAgCQxNQAAAAAAAAAAAAAAAAAAkCSmBgAAAAAAAAAAAAAAAAAAksTUAAAAAAAAAAAAAAAAAABAkpgaAAAAAAAAAAAAAAAAAABIElMDAAAAAAAAAAAAAAAAAABJYmoAAAAAAAAAAAAAAAAAACBJTA0AAAAAAAAAAAAAAAAAACSJqQEAAAAAAAAAAAAAAAAAgCQxNQAAAAAAAAAAAAAAAAAAkCSmBgAAAAAAAAAAAAAAAAAAksTUAAAAAAAAAAAAAAAAAABAkpgaAAAAAAAAAAAAAAAAAABIElMDAAAAAAAAAAAAAAAAAABJYmoAAAAAAAAAAAAAAAAAACBJTA0AAAAAAAAAAAAAAAAAACSJqQEAAAAAAAAAAAAAAAAAgCQxNQAAAAAAAAAAAAAAAAAAkCSmBgAAAAAAAAAAAAAAAAAAksTUAAAAAAAAAAAAAAAAAABAkpgaAAAAAAAAAAAAAAAAAABIElMDAAAAAAAAAAAAAAAAAABJYmoAAAAAAAAAAAAAAAAAACBJTA0AAAAAAAAAAAAAAAAAACSJqQEAAAAAAAAAAAAAAAAAgCQxNQAAAAAAAAAAAAAAAAAAkCSmBgAAAAAAAAAAAAAAAAAAksTUAAAAAAAAAAAAAAAAAABAkpgaAAAAAAAAAAAAAAAAAABIElMDAAAAAAAAAAAAAAAAAABJYmoAAAAAAAAAAAAAAAAAACBJTA0AAAAAAAAAAAAAAAAAACSJqQEAAAAAAAAAAAAAAAAAgCQxNQAAAAAAAAAAAAAAAAAAkCSmBgAAAAAAAAAAAAAAAAAAksTUAAAAAAAAAAAAAAAAAABAkpgaAAAAAAAAAAAAAAAAAABIElMDAAAAAAAAAAAAAAAAAABJYmoAAAAAAAAAAAAAAAAAACBJTA0AAAAAAAAAAAAAAAAAACSJqQEAAAAAAAAAAAAAAAAAgCQxNQAAAAAAAAAAAAAAAAAAkCSmBgAAAAAAAAAAAAAAAAAAksTUAAAAAAAAAAAAAAAAAABAkpgaAAAAAAAAAAAAAAAAAABIElMDAAAAAAAAAAAAAAAAAABJYmoAAAAAAAAAAAAAAAAAACBJTA0AAAAAAAAAAAAAAAAAACSJqQEAAAAAAAAAAAAAAAAAgCQxNQAAAAAAAAAAAAAAAAAAkCSmBgAAAAAAAAAAAAAAAAAAksTUAAAAAAAAAAAAAAAAAABAkpgaAAAAAAAAAAAAAAAAAABIElMDAAAAAAAAAAAAAAAAAABJYmoAAAAAAAAAAAAAAAAAACBJTA0AAAAAAAAAAAAAAAAAACSJqQEAAAAAAAAAAAAAAAAAgCQxNQAAAAAAAAAAAAAAAAAAkCSmBgAAAAAAAAAAAAAAAAAAksTUAAAAAAAAAAAAAAAAAABA0jZ7AAAAAAAAAAAAALeyzx4AAAAAAMB9iKkBAAAAAAAAAAC4zBjHvgiqAQAAAAC4yDp7AAAAAAAAAAAAAAAAAAAAwBnE1AAAAAAAAAAAAAAAAAAAQJKYGgAAAAAAAAAAAAAAAAAASBJTAwAAAAAAAAAAAAAAAAAASWJqAAAAAAAAAAAAAAAAAAAgSUwNAAAAAAAAAAAAAAAAAAAkiakBAAAAAAAAAAAAAAAAAIAkMTUAAAAAAAAAAAAAAAAAAJAkpgYAAAAAAAAAAAAAAAAAAJLE1AAAAAAAAAAAAAAAAAAAQJKYGgAAAAAAAAAAAAAAAAAASBJTAwAAAAAAAAAAAAAAAAAASWJqAAAAAAAAAAAAAAAAAAAgSUwNAAAAAAAAAAAAAAAAAAAkiakBAAAAAAAAAAAAAAAAAIAkMTUAAAAAAAAAAAAAAAAAAJAkpgYAAAAAAAAAAAAAAAAAAJLE1AAAAAAAAAAAAAAAAAAAQJKYGgAAAAAAAAAAAAAAAAAASBJTAwAAAAAAAAAAAAAAAAAASWJqAAAAAAAAAAAAAAAAAAAgSUwNAAAAAAAAAAAAAAAAAAAkiakBAAAAAAAAAAAAAAAAAIAkMTUAAAAAAAAAAAAAAAAAAJAkpgYAAAAAAAAAAAAAAAAAAJLE1AAAAAAAAAAAAAAAAAAAQJKYGgAAAAAAAAAAAAAAAAAASBJTAwAAAAAAAAAAAAAAAAAASWJqAAAAAAAAAAAAAAAAAAAgSUwNAAAAAAAAAAAAAAAAAAAkiakBAAAAAAAAAAAAAAAAAIAkMTUAAAAAAAAAAAAAAAAAAJAkpgYAAAAAAAAAAAAAAAAAAJLE1AAAAAAAAAAAAAAAAAAAQJKYGgAAAAAAAAAAAAAAAAAASBJTAwAAAAAAAAAAAAAAAAAASWJqAAAAAAAAAAAAAAAAAAAgSUwNAAAAAAAAAAAAAAAAAAAkiakBAAAAAAAAAAAAAAAAAIAkMTUAAAAAAAAAAAAAAAAAAJAkpgYAAAAAAAAAAAAAAAAAAJLE1AAAAAAAAAAAAAAAAAAAQJKYGgAAAAAAAAAAAAAAAAAASBJTAwAAAAAAAAAAAAAAAAAASWJqAAAAAAAAAAAAAAAAAAAgSUwNAAAAAAAAAAAAAAAAAAAkiakBAAAAAAAAAAAAAAAAAIAkMTUAAAAAAAAAAAAAAAAAAJAkpgYAAAAAAAAAAAAAAAAAAJLE1AAAAAAAAAAAAAAAAAAAQJKYGgAAAAAAAAAAAAAAAAAASBJTAwAAAAAAAAAAAAAAAAAASWJqAAAAAAAAAAAAAAAAAAAgSUwNAAAAAAAAAAAAAAAAAAAkiakBAAAAAAAAAAAAAAAAAIAkMTUAAAAAAAAAAAAAAAAAAJAkpgYAAAAAAAAAAAAAAAAAAJLE1AAAAAAAAAAAAAAAAAAAQJKYGgAAAAAAAAAAAAAAAAAASBJTAwAAAAAAAAAAAAAAAAAASWJqAAAAAAAAAAAAAAAAAAAgSUwNAAAAAAAAAAAAAAAAAAAkiakBAAAAAAAAAAAAAAAAAIAkMTUAAAAAAAAAAAAAAAAAAJAkpgYAAAAAAAAAAAAAAAAAAJLE1AAAAAAAAAAAAAAAAAAAQJKYGgAAAAAAAAAAAAAAAAAASBJTAwAAAAAAAAAAAAAAAAAASWJqAAAAAAAAAAAAAAAAAAAgSUwNAAAAAAAAAAAAAAAAAAAkiakBAAAAAAAAAAAAAAAAAIAkMTUAAAAAAAAAAAAAAAAAAJAkpgYAAAAAAAAAAAAAAAAAAJLE1AAAAAAAAAAAAAAAAAAAQJKYGgAAAAAAAAAAAAAAAAAASBJTAwAAAAAAAAAAAAAAAAAASWJqAAAAAAAAAAAAAAAAAAAgSUwNAAAAAAAAAAAAAAAAAAAkiakBAAAAAAAAAAAAAAAAAICkx+wBAAAAAADc1/O5vWZvAAAAAOC7MQ63hgAAAADA3/IzNQAAAAAAAAAAAAAAAAAAkCSmBgAAAAAAAAAAAAAAAAAAksTUAAAAAAAAAAAAAAAAAABAkpgaAAAAAAAAAAAAAAAAAABIElMDAAAAAAAAAAAAAAAAAABJYmoAAAAAAAAAAAAAAAAAACBJTA0AAAAAAAAAAAAAAAAAACSJqQEAAAAAAAAAAAAAAAAAgCQxNQAAAAAAAAAAAAAAAAAAkCSmBgAAAAAAAAAAAAAAAAAAksTUAAAAAAAAAAAAAAAAAABAkpgaAAAAAAAAAAAAAAAAAABIElMDAAAAAAAAAAAAAAAAAABJYmoAAAAAAAAAAAAAAAAAACBJTA0AAAAAAAAAAAAAAAAAACSJqQEAAAAAAAAAAAAAAAAAgCQxNQAAAAAAAAAAAAAAAAAAkCSmBgAAAAAAAAAAAAAAAAAAksTUAAAAAAAAAAAAAAAAAABAkpgaAAAAAAAAAAAAAAAAAABIElMDAAAAAAAAAAAAAAAAAABJYmoAAAAAAAAAAAAAAAAAACBJTA0AAAAAAAAAAAAAAAAAACSJqQEAAAAAAAAAAAAAAAAAgCQxNQAAAAAAAAAAAAAAAAAAkCSmBgAAAAAAAIA3e/ea5EZuAwCYG829lj7ZzJzM7XuNyvnhllcez0tSqwGC31eVirNJmYz6hQYBNgAAAAAAAAAlPURPAAAAAACAqT1HT6CAxx3HWlprP3YcDwAAAAAAAAAA4Cb/RE8AAAAAAAC43uHw8HPH4Z6Px5enHccDAAAAAAAAAAC4yf+iJwAAAAAAAAAAAAAAAAAAAHAPmqkBAAAAAAAAAAAAAAAAAICSNFMDAAAAAAAAAAAAAAAAAAAlaaYGAAAAAAAAAAAAAAAAAABK0kwNAAAAAAAAAAAAAAAAAACUpJkaAAAAAAAAAAAAAAAAAAAoSTM1AAAAAAAAAAAAAAAAAABQkmZqAAAAAAAAAAAAAAAAAACgJM3UAAAAAAAAAAAAAAAAAABASZqpAQAAAAAAAAAAAAAAAACAkjRTAwAAAAAAAAAAAAAAAAAAJWmmBgAAAAAAAAAAAAAAAAAAStJMDQAAAAAAAAAAAAAAAAAAlKSZGgAAAAAAAAAAAAAAAAAAKEkzNQAAAAAAAAAAAAAAAAAAUJJmagAAAAAAAAAAAAAAAAAAoCTN1AAAAAAAAAAAAAAAAAAAQEmaqQEAAAAAAAAAAAAAAAAAgJI0UwMAAAAAAAAAAAAAAAAAACVppgYAAAAAAAAAAAAAAAAAAErSTA0AAAAAAAAAAAAAAAAAAJSkmRoAAAAAAAAAAAAAAAAAAChJMzUAAAAAAAAAAAAAAAAAAFCSZmoAAAAAAAAAAAAAAAAAAKAkzdQAAAAAAAAAAAAAAAAAAEBJmqkBAAAAAAAAAAAAAAAAAICSNFMDAAAAAAAAAAAAAAAAAAAlaaYGAAAAAAAAAAAAAAAAAABK0kwNAAAAAAAAAAAAAAAAAACUpJkaAAAAAAAAAAAAAAAAAAAoSTM1AAAAAAAAAAAAAAAAAABQkmZqAAAAAAAAAAAAAAAAAACgJM3UAAAAAAAAAAAAAAAAAABASZqpAQAAAAAAAAAAAAAAAACAkjRTAwAAAAAAAAAAAAAAAAAAJWmmBgAAAAAAAAAAAAAAAAAAStJMDQAAAAAAAAAAAAAAAAAAlKSZGgAAAAAAAAAAAAAAAAAAKEkzNQAAAAAAAAAAAAAAAAAAUJJmagAAAAAAAAAAAAAAAAAAoCTN1AAAAAAAAAAAAAAAAAAAQEmaqQEAAAAAAAAAAAAAAAAAgJI0UwMAAAAAAAAAAAAAAAAAACVppgYAAAAAAAAAAAAAAAAAAErSTA0AAAAAAAAAAAAAAAAAAJSkmRoAAAAAAAAAAAAAAAAAAChJMzUAAAAAAAAAAAAAAAAAAFCSZmoAAAAAAAAAAAAAAAAAAKAkzdQAAAAAAAAAAAAAAAAAAEBJmqkBAAAAAAAAAAAAAAAAAICSNFMDAAAAAAAAAAAAAAAAAAAlaaYGAAAAAAAAAAAAAAAAAABK0kwNAAAAAAAAAAAAAAAAAACUpJkaAAAAAAAAAAAAAAAAAAAoSTM1AAAAAAAAAAAAAAAAAABQkmZqAAAAAAAAAAAAAAAAAACgJM3UAAAAAAAAAAAAAAAAAABASZqpAQAAAAAAAAAAAAAAAACAkjRTAwAAAAAAAAAAAAAAAAAAJWmmBgAAAAAAAAAAAAAAAAAAStJMDQAAAAAAAAAAAAAAAAAAlKSZGgAAAAAAAAAAAACElH6NAAAgAElEQVQAAAAAKEkzNQAAAAAAAAAAAAAAAAAAUJJmagAAAAAAAAAAAAAAAAAAoCTN1AAAAAAAAAAAAAAAAAAAQEmaqQEAAAAAAAAAAAAAAAAAgJI0UwMAAAAAAAAAAAAAAAAAACVppgYAAAAAAAAAAAAAAAAAAErSTA0AAAAAAAAAAAAAAAAAAJSkmRoAAAAAAAAAAAAAAAAAAChJMzUAAAAAAAAAAAAAAAAAAFCSZmoAAAAAAAAAAAAAAAAAAKAkzdQAAAAAAAAAAAAAAAAAAEBJmqkBAAAAAAAAAAAAAAAAAICSNFMDAAAAAAAAAAAAAAAAAAAlaaYGAAAAAAAAAAAAAAAAAABK0kwNAAAAAAAAAAAAAAAAAACUpJkaAAAAAAAAAAAAAAAAAAAoSTM1AAAAAAAAAAAAAAAAAABQkmZqAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAYFz/RE8AAACyOxwenrb8+47Hl03/PgAAPrZxPLccjy/Lhn8fADC5w+Ght9b6hn+leAUAAAAA4A7kcwEAxqWZGgAA2l8NNo87D/98+oNGawCA6wTGc0tr7cfpzxa6AYC3vCqw+7dtW2z3maWJVwAAAAAAviQ4n6uWEADgTjRTA9Ba2/6rq9fw0r+tDMd0NM7BeZwlO/dOdF5iab+KXBW4ftHO9z3H5RN32IX1Q5nv4VV+i73/f5xxvSUQFFve7dhXuS5n9uoY7r0Rzlc9t+b4sw85gMu5NucTGM/+wbk3j7N7c+b8k3jlAt4j8tk7Bsp8TMSDZYXlxQJiJznAArLE3Gwv8zNwdmKAi3jWXMEa/Ngy3CM8Q7aV4Zi+4rpduV+O7+wYZl17Xppawou4LvNxTP7jtwCIo5kagFNAniEB8CyBup3D4eFn9BwKsMNfIeu9LnPx6mcUt35i5/ueZ9Yn9o4vjseXtO+3VX6LyJgx8/GdwVoE+T1g6Lvda6tcl7MZYAH7M8/NIhV3IgewCTmA4uRAubdBNu/7jHjlA94j8tk7Bsp8TMSDZYXFDQGxkxipgEQxNxvL/AycnRjgZqd8kPegd1iDH1ei57LjuqGM931xwi/ul+MpsPa8tNZ+OBfe57rMxzH5j98CIM5D9AQASCFLMuDf6AnAK7+vjcPh4fRnDa0DKdBAfe6xtd/n4tIkQ4H9LS0objwcHroillA9aNwlaFwSKRjPPR4OD61pVIKM5ADqkwNlc2cN1FnOr1uJVwAAgJmc3uVO70GteReijiy5Crmw4g6Hhyc5dEZRbO25t9a6WkIAgMv8L3oCAMRai72y6MnmA285FRT+PBwevp/tUEgSh8NDX4/Nz/brePXgKd1Db/+dh0/uncAe1qKRJWj4LIv9s4r4/RUqTWySeO6xtfZdPAfpyQEUkezY9egJcLv1+f2ztfa91X1f+SNeCZ4LAADAXs7fheSDGFKyNQf1gPU9OsZktq49PxVfe+7tz/WsHjwfAIC0NFMDkK3Qq0dPAC7QmyRUGq+KWHvwdPZ0Wsy1kAvs4UfQuD1o3OkFxjdR5xqBxHPiOUiuNzmAkaX6Ao77/Zje2PBlJjb1AwAAZtSb9yHGlC1v0aMnwN1lO+fgtPb8vdXeEPMtvdkkEwDgXZqpAejRE3hlpqQFtfSmAWJ3b+wcObPezhZyY6cCVHU8vjxFje3eFibk+Rp5rrEv8dwfehPPwSh6U4gyjLXQuQdP47XZn3lDOTVRt/k2fHnL+SYwPXoyAAAAO/I+xEh69ARekQurzxfISWOCr1BfwtozAMArmqkBJpb1BTnrvOCLepOE2sWkO0d+lXMQuKfnoHFTfU1wIj1gzKhzjJ2J5z4knoNxuF7z69ETeIviwvw0UX+oN00EAADAnHrzPkRiWfOUWefFpqz3EcoG3h+ylgUAsNJMDTC3rEkDjTJU8WgBbXtnic8ePZcBOAeBe1iCxrWb9c4CF9KWoHHZiXjuIha2YRyn67VHT4S/ZM2BZp3X9DRRX6S3tYkgeiIAAAA7601TNTllzTmpB6zPej4hNFFfxNozADA9zdQAk0qeuJJYo5LeFBRuQuLzar05B4ENHY8vSwtsqA4ad1YhRQ3rOUZB4rmb2CQHxqGINpHkBUE9egL8TRP11boiPAAAYFK9/coHPcVOA9QDkoI1QHZztimm8+5y1p4BgGlppgaYV/YEQo+eAGzsVFDYoycyGonPzTgHgS39CBrXs2An6/OiBwz9HDAmdyae20xvNsmBUfSmiDaL1F+8cY7kcbbpS4+ey+AU4QEAALPyPkQG2ddhevQEuLsu58kebIq5id6sZQEAE9JMDTCvHj2BT2RP7sK1ND9cYE3WSXxuyzkI3Ox4fHmKGlsRym56xKCR5xb3IZ67C5vkwDgevX/FCdwc5hKpm71nYNOXu+jtV/6pB88DAABgb715HyJWj57AJ+Rf5uA4czdrPtemmNuyIQwAMBXN1AATGmUnMS/nFNYloD6mkPXuNOAAW1iCxvVs2EfE77wEjMmdiOd2YZMcGIP3rzg9egJf0J0bcWz6cndiFQAAYFa+8sjuRjnn5MLmMMr5yFjOvkbN9nqzIQwAMAnN1ABzGqWYfZR5wjV6k4B60/qbKGTdh0Vc4BbPQeP2oHGnERif/Agal41pTNqVJk0YhxzA/kbJLfboCczIpi+7sakkAAAwq0cbTLGzUfIco8yT2zjObOZsE+8ePZcJ2CATAChPMzXAZAYrWurRE4AdKCY8YwfJEBZxgascjy9L1Ng2gri7HjHo8fjyFDEu29KYFMYmOTAG1+pOBvudPTd3pPAuRG9yoAAAwJy6tXj2MNg7d4+eAPtw/2MLPsoSQvwCAJSmmRpgPkMV5w1W+AjXUkzYfifRe/Q8JiUJClwr6uvUQ8W0A4r4faPOJTaiMSkFm+TAGFyr+/g3egKXkAPdh8K7cHKgAADAjKzFs4eh1k7lwqbR5YK4hY+yhOqHw4N8LgBQkmZqgPn06AlcaKhkL9xg2uSTxps0LOICF4v8kvCsz817CyxeWILGZQMak1IR08EYuoLB+1mfSz14Gpcaqvl7RGfxCrGmzYECAABTk7fl3nr0BC6kHnAejjVXUUuYQm/yuQBAQZqpASYyapGml3EmMl3ySeNNOhZxgWssQeP2oHGri2jkWY7HlyVgXDagMSmlfjg8/Jzt3QIG9Og6vZsePYEr+ErLHfmCSTrT5UABAACazfW4k1HPK7mBach7cjGN1OnI5wIApWimBpjLqDv9jTpvuMY0ySeNN2lpqAYu9Rw0rhjxPnrAmD8CxmQD4rn0pnm3gIG5Tu9j1DixR0+gIoV3abn/AQAAM7K5Hvcwai5s1HlzOceaL5PPTUs+FwAoQzM1wCQGf5Ht0ROAnZVvSNF4k56GauDLIr8oPOpO61lF/Z7H40vIuNxGPDcMC9uQn+t0Q4PHh4oKN6bwLj33PwAAYEby6mxm8PfqHj0BduPr1HyJfG56YhgAoATN1ADz6NETuMXghZBwscqNrBpvhqGhGrhE1Nep/w0at6qIBp4lYExuJJ4bjkYlyE8T7XaGjg/dr7ej8G4Y4hQAAGA61uHZUI+ewC3UA07FfY8PyeeOQQwDAFSgmRpgHqMXZQ5dCAlX6BUXDTTeDMfusMCXBH5Z2H1qI4G/Y1QjPlcSzw1LoxLkVjIHEKRHT+BGo+dwU1B4NxyxJQAAMBvrW2xl9FySesCJyIHzHvncofg4CwAwPM3UABMokoiykMCMHgue96Mv5MxI4w3wVUvQuD1o3Gp6xKDH48sSMS7X0Ug9PHEd5FYxB7CrKjnQ6AmMbr2OevA0uJACPAAAYELeg7hJlVyYnOhU1IzxF43UQ7JBMAAwNM3UAHOosotjj54ABCiTSJb8HJqFXOArfgSNW+ZZGSzid/RV6oFopC7DPRNyc43epsTvpwjpeuKVoSnAAwAApuM9iBupB2Q47nucU0s4NBsEAwDDeoieAAD3VexLHI+ttafoScDO+uHw0Ef/amOB5OfvZq/j8eXpmr/g1YLAv22w3+NwePh+PL58i54HkNfx+PJ0ODyENLBUeFZGCly0XoLG5TojNyYt7b8NH5Zr7xejx3OrLq6D1Prh8PB07XvnzIoV7ciBXqFAI/XSboxX3lgLGG2DgcfD4eHqWA0AAGBAcgBcRT0gA5P/obVW4j52vnH8FvncEdeev7fW/omeBADApTRTA9TXoyewJQWlTOqxDdxsNGjy87nd0GjzlrfuXWe/zQgJ0RKN/cDdPbeYgv2hn5UJROxcb5F8IOvGOCN5bu36TXDeUyCeO9FQDbkpHrzOaE2jH/L+fZXRzoGltfZjy3hlPWeWs3/01NofG8KM8BspwAMAAKaiDoor9egJbMl1MB1r+5MbdGPMzdef38jnttZ+53OHWHu25gwAjEgzNUB9IxRIXSKi0YPPPWdPar/xxcUhEk6rYZtYB0t+7n4ev06Krudp5vu2glbgM0uLuY/1gDEr6QFj/vj8f0IGayN1j57HF2y+Gc5XvBPPjfCuMew7BinIAdyZ4sGr9OgJbExB4QUGileWtnED9Vecjfe05uoeW+Lfyz0QxnA8vsgTA+Hci2B3I+SEevvzfWeEnJCN9bhG5rqSa6gHnIs1KoapJWwx689Ppz8PsPbsegYAhqOZGqCwNwpHK/DyzVU+WtQb5OssoxbRZk9+Lu3Xou8SPI/W2u/zNHVhqx0lgY8cjy/L4fCwtID7l4L760S9MzhWY3ij8CybpSWK5Vp7c3E78zvG98Ph4Vum3w+2UiQH8BQ9iVFUzYFGT2AUA8QrrSVqODjfCCZxrPJ4ODzsXqQIAACM770vPLaWuxnJGheXqJoLUw84nVHr4LjRujFmZksL2BDzPad5ZK4lbK5nAGAw/4ueAAB3VXXXxh49AWo5Hl+e1n/901r71n7tKphNX5Niw0ie/Fxaa9+Ox5eUzSPH48uyNix/a/mSjcOdi8Duor44XDX2vbeI3y1jrMUr6/M+azy3tMSx3Mmrd4wleDrvydhABXc1SA6galHkvZS8lzkHPpc8XmntVxP1P1kK7147uxdmvA+WvK4BAIA46zvQt6TvQda4uETV86VHT4BdqT2aUPKNMZf23/rzU/Bc/jJALeFT9CQAAL5KMzVAUckTD7dSSMXdrImnrIWEw5z7ie9BSxug8ebkVSI0k2HORWB/gQtLFlwvFPi8XgLG5HIZn/dLGyiWOzmL6bK9X7RmcZvJJc8BVC2K3FTx+M858LmM8UpryZuoXzu7Dy7Rcznj/Q4AALibhPmgHj0BxpC4FmcLWfM83I9jPpHEG2MubaD158RN1a5nAGAYmqkB6urRE7gnhVTswQLaTTImP4dJfL62JkIzFbUqaAU+E/Xs7EHjjqpHDDris3g2a3Ntj53FX4aN5U4Svl+cPIrtIOU12qMnMIjKBTrevT+QNF5ZRmqifi3hhn6Vr28AACCB9f0tRTOSTS/5oh49gXuSC5uODX/nkjHX9zzq+nPGzbxdzwDAKDRTA9S1Z/Ih4oU8Y3KFos4W0MKNkHQ6HB6yNVKfClmX6IncKllRq/sw8JElaFz3pstE/F5pFvN421qokulaKhPLnWQq0DuT6ZhDqEzX6Ag5gAT6jmNFxDE9YMxRZHt2fVvzNkNLtqGfDQUAAIC7O2tGWoKn8m/w+IxBPSDVOOYTWHN8PXga55b2K5/7FDyPm2Wqa22uZwBgEJqpAQrau9ByfSFf9hyz5UquMIFEhYSpF9ASJj9LFLKeWxuJMvx/UtAKvCuy6VHT0ddE3cMrLEhOINMiZ7lY7iRRgd6J3f/hTKJrNHUOINokOdBMz+U0km3kt7RfMcsSPI9NJbkHtuYaAAAAdpLgPagHjs0AJsmF9Z3HIwHrU1NIlc8d9WvU70lU1+p6BgCGoJkaoKY9Cy2X9d93343SizcRLKB9KlOBY6nE57lEDdWZjjeQT9QXiDUdfU3EPXwJGJMLJNoYZ2mFY7lz6/tFhriutdYebZYDf5IDSC/iSzw/dhyztSYH+lqieKW1goV35xLcA1uzmR8AALCj6Pcg7z98Qj0gVak9KizZNV12I+/W4uOYlesZAEhPMzVAMQHFZM+thX190Is3IaKTalkX0BIVsy7H48s/VQtZT5I0VCtoBd4V+AXiHjTuaHrAmLs3H3GxDLuCl25KekuSuO7Eeza8El18kqzQKI2Ad9GltbAY12ZBf8ryrHqOzhHuIfoeuMpyzAEAgAkEv+v1wLFJTD0g1cmD17Teu7Jc01OsP2fI57qeAYDsNFMD1NP3HOxVgiFiN8q+95iwsoD2tzTNN9GT2EuSxpsePD6Q2xIxqMWZj0X9PoEN9nxBkutmqljuXJK4rjWb5cCbZr03JbdnAdYSnAN1b16t8UqPnUVr7Vfh3VP0JPaSoACvB44NAADMSS6IbPqeg6kHJMCj416SRuoACfK5NogFAFLTTA1Qz54JiD+SpUEFZFkSLkxmTbDtvmCQleabOAkab9yHgY9EPSvdmz4WsXglbsov+rqZMpY7lyCuO4k+FyCrqOtT0cnb+o5j/Xj1n5cdxz7pAWNmlOEZNVXh3Ul0AV6S3CMAADCJ9b1vCRhaHoj3qAdkBo57IWtzfA+eRmuT5nNbbH2GDWIBgNQ0UwMUsndB0TvJ0mXPObQcCRcmFfgFmozJ4+g5Td18E93cLwEKvCdyUcq96UM9YMwlYEy+KEFzytSx3LkkDdUWuOENgUW0PWDM1KJzoEExbnTeJVyCeKW1eQvvWmu/G6qjaCgAAAD2FrH+3gPGJLnoXNhq2XMOzbUwK+tTtWTIaU+bz02w5twDxwYA+JBmaoBa9iwoWt7556+/1HJ3SQrpmNf0X1nMcA1qvvm9oLUEDd+DxgXGEPWs7EHjphb03F5mXaQcSORitkbqVxIsbreWo8ABMpo+B5BE2Jd4vvDP70YhYfizSUz7S1SMopgWAADYVeDGevCaekCiLAFjRucA2UCSr1JP20h9EhzLuJYBgLQ0UwMUEZCAeDNJGvSlXl+lIEzg16kziU5+RTeaZBJV2B99DgCJBT4r3ZveFvG77F5gwdclKEbRmPiGBA3VGpbgDVGFJ67H/wT8Fstb/zAoxp02vk0Qr9j8ZRVcgNeDxgUAAOZlfYNQ6gEJ9qMFfJVcPryE6Fz29I3UJ5F5bdcyAJCVZmqAOvqeg32SJN27GF4SjWjTNoAkKGaV/Dyz/hYh56P7MPCJJWLQBM+pVKLu1TafSS9yMVss94EEXz6JLnSArCKKaHvAmFntem/65Dn10X93D/9n726T28aVBYBiLrWvwCuLvLIg+7Jq7o/QGceRbX1Q3QBxTtVUvVtvxg19kWCjG6jB8XqSWTyrkfqdxPdDETUAABDK+gYdqJHB1ANyRkYN0o+EmGykg1Opm/Xnv2Tlc2tSXACAT2mmBtiPyELCr5JkLWIQ79SEmPCqRQfsqDksu5i1JcbvUuKCbk2KC4wha+MRxfZ/qgkxW0JMLpQ8p3w2l/va2qzUksIrVIIzFNGmq4GxvprDhs9xO8oHhemg+G7aTRS/kPG+1ISYAAAAkEk9IKmyNv6dMQ+6IzUxto0xz0jcwFu9DgDQJc3UADuQkDxqn/0/kx6+nZhFmlmbQJKLWSU/P5dR0CoBCnwo8V6pEfBPGXNmzSd9y3qOapoRr5L5O/KsDXQjOgf61b0qaY4743U58zXb/OUDWXM5z3cAAECClj0A5qQesJQyZy6sRxnrVD77caXmcxNj987mmAAAK83UAPsQ2cB26UmwPx89kPfsSEiylj2ABDUxtuTnJ5IKWmtCTGAsWdfumhS3K1lzZc0n/UpuRDGXu8L6O8raSKgmxYXeuY7liCzCahf+exmnU9fomMlqUlybv3xNAR4AADCD8PonWKkHLOoBe7B+NzLyoMfomNwn+TOzMeYnEk+Zr9ExAQC+opkaYB9qYKyLkqJJhWZORSXTjAtoWTtJSn5eRkE30JuWFNeu1b9kzJU1mvXNXG4gWQvcpaQXPgCUUlKeNy+dx7RHDuID08xvs4vvEmMPwRoAAAAAPFQNjKUekE8lffbT5EF3JOv3amPMy2TUt9aEmAAAn9JMDTC46IKyK5MO7UHD+EjVyAcxMotZJT8v1hJi1oSYwCCSGwFrRtzO1OiA7tndqxlBfS/uktXUpVgF6EGNDHbpxh9Jc9waHC+TzV/614Lj1eB4AAAAEE494B/UA/Yj41CHH9Exuc36O61J4W2MeQHr9AAAv2imBhhfZEHZtUmHjCRFTYgJM8raSVLy80KKfoFOZex0W8rkjYBJm6C0hJhcKHFjnKekuLuwzu9S5sMKleBPCk5S9JwDDZ/jJp/YHCLz3uM3fhW5OgAAANhez7kw9YCTSsqZaaYfR02K29TIXSX6Gj51rQ4A0CfN1AADS0gUtWv+5aQkhYdvUkxYZFkTYrYJ3+d7RSdAs5rsgUEkXsdrUtxeZMyRsxrnuUzGPdtC9gZcR4EZJTQOt2v+5aRr8wzP3zUprubgK2TM72bYTPCI8nUAACAASURBVAAAAIB5qQc8Sz1gPzJyZz7/MaR8TqfTi828r9OyBwAAkE0zNcDYQhMQNyZDwxNodiOEx0osWFTMer0WHK8GxwPGlHWq6jEjbrasubENULpXE2Kay21HoQowm8jG4Vs3/4i+Ns9wIkvGvcdGfrdp2QMAAACAHVEPeMYEubAhrLmzFhx2hlzo0BI/H+vPV7L5OQCAZmqA0dXAWDclHpKKzxR5s3vJhZ1OMhyE9wzoVEuKO+scsSbEtGjZsaSNBczlNpT1LKBQBciwXntqYMifN/53bctBXKgmxAyh+G44t/5uAAAAgL/VwFjqAbmFTX95r2YEtTHmzVpkMGvMAEBvNFMDDCq6AP7OxEPbaBiXqsHxYDY1IaZi1tu17AEAvLU2VLaM2JMu0qSc6JcQk8tlbIxjLre9jPe0JsQEfmnZA0hUI4PdmgNN2jRkzwWENSOozV9uo2gRAABgM3Lpk1MP+KkaHI8PJK3316QNo7lMRq7aPfN20Ztj1uB4AACf0kwNMK7IBES7878PP5lC8oxoszRnZf22FLPeJfQaPMtvAbhb1sllNSluiqxrsvt292p0QN+Jh2gJMffctAddm/w6Gnntubf4Krx4a8c5UMV3fMacBAAAiJSxQSnzUg/4iR3nwkbkdGqytewBDKxlDwAAIJNmaoABJTRF3JX8SjqZQvKMaDV7ADummHUsNXsAQP8STy6bbY6oCYU/JBWZ+E48QNKu/zbOAUIl3LfaPf9x0hxXQfdGnK58t5Y9AAAAgAepgbFaYCw6ox7wIrOt9XYrcZ3qGB2TzyV9Jm3yTWjv4r0DAGanmRpgTKGJwY0enjNOZqnRMSFIS4wdvjChmPU+p9PL8XR6+Sfwn2P2awaG0TKCTrbAWqMDug/wnu/EQ2U0qteEmNCdyeYTmUIbhTfKgW7xN65R95YDtfnLmE6nl6fI/FP26wUAAOYQ/cytuWl66gEvsLdc2OCcTk0pORt+yufeSS0hADAzzdQAY6qBsbZKPLSN/s41akJMiPAzewCBWvYAAHiYrAWuKU7vy9oBOiEm14kuMGjB8aaSVFg3xTUUOjNlUdBaFFkDQ271PtvoYkwtewAAAAB0qQbGaoGx6FMNjDVyPaBm2k6s61QZDfXH6Jh8qkYHtPkIAAD30EwNMJiEZFDb4o+sCYxN/tYVJE+JtPvvW1IyeqbGcYCpJC5w1aS40ewATQ/M5R4v+ndXg+NBr2ws8Hg1MthWJyMkzXH3lpMKfz2K7wAAAPhA5DOqfPrE1ANepQbH4xNJJ85+d0J5H5I+BzUJAADcRTM1wHgiE/Vt40Ky8MS/nQjZo6REdIqZXivApFIWuvY+R0w4ybGUogmldxnfe3O5EC06oAIVKKU4lShCaA5047+XcRpLjY65I4rvAAAA+Et0Tl0+fXrqAa+w97XeAWXk1/a2weSoakLMlhATAIAd0UwNMJCEorhNk51JiX8nBfFwEyXpoxPRLTgeAMESC0P2vrhaE2JqQuG9lj2AGSRtYlATYkI3ovNzM25WkpBn2Xoe0zb+e5fYxfw2KcfWEmICAADQv5E3emMg6gFvoh6wI0nfgWqDyTnNuGYCAMC2NFMDjCW0KO5Bia72gL/5GYkzIkQm6WdqVArfvRaAFC0j6M7niBnNNC0hJteJ/l6Yy8WZ6RkBelADY7XAWD0JLYbcuvhq/Xub/s0L1OB4u6H4DgAAgPcSNvuST5+besDrqQfsj9Op5xT9GVgTBQDgbpqpAcZSA2M9KvGQkdCoCTGZS80ewKNlLEIknlYKQKysBa9dLq4mFQ40TSi8Zy63a7u8fsIVIn8D0xXSrnOZGhjyUXPR8M8u6VTnrUWfKqT4DgAAgD+suYk9NLcyjhoYSz0gD7Fex1pwWE31AADA1TRTAwwioRiuPeKPJjVZKPTmYaJ/m4mLaDUpLgA7l9iEW5PiPlpNiDldo9doFBLsm0I7iJNwPW3B8XpQg+O1R/zRpGvzHnKgNXsAAAAAzGvN/fwIDmujr4mpB7zLHnJhe+N06ok4mAUAgFFppgYYR/Sup+2Bfz48cbaTk1noU+RvswXGymbBEGAuKdf9nc4RwxeMLVoOoQbHM5fbOQ36TCw0B5C46UymPb3HGTnQGh1zZOaxAAAAvEpqpPZsinrAO+x0rXdY6/erBYetvgdpanC8FhwPAICd0kwNMICEIriHJjeTFgK+JcRk5xKSsZmnPtrJE4BHaklxdzVHTFoobgkxgb9FFynV4HiQbs3P1cCQmTmAFDvMs7QH//1zhs3faAQHAAAgS1YjdbEx6dTUA25iV2u9O+F0ah5lujUTAAAeQzM1wBiid6E8BoRpATHeqsHx2Ll1UWOPv80uzPRaAUjbpbqUXztV14S4j5JRMKDQZwzR340WHA8gQmhB7aTPxaH3q0e/x0kni9eEmFupwfHMYwEAAHjd3C2jkXrW/A//2WPNUQuI8VYNjscXstb9nU6dwmYGAAAMSTM1wBhqYKwWFCd8pzhJMzYWvaulAk8A9i5rJ+GaFPcRanTApCYhrlcjg/lepGjZA4A9W5ZDdEHtdDmAhJO/o97j8M9SDhQAAAC+tiyHuuZ8sk40fUqKSz9qYKwWFEc9IKU4nXoWNTKYDUgAANiKZmqAziUk/EKSWUnJDUkzNrEuqNXImJkJwYQTO1twPAA6kHiv28UcMalQYLpGL+hVQgP7Lq6dcIn1HluDw7bgeD2owfFaRJCkOe6oJ4JEj7sFxwMAAKADy3I4rjUf4XUfbzSbks5NPeCmrFd0Zr2+ZWwyGb0pKgAAMKBD9gAA+FJowi84Wf9cgl/fshyqBQnukdFIXfIblWpwvKyTSQHIFz4/LGU3c8Tw983uz3wge+4KsJl1c7Hoe+ysxbR7zoG2EptbqYPOb2tksAHfH4CuLMvh3+wxjOZ0evknewywN65FN3mW12U2a36nll+beNXMsbw6nV6cSs2ec2HqASmn08txWQ7RufVR86J8rWUPAACA/dBMDdCxhNNgo4veW4kvSP1eJFe4UVIjtUYlAGbSSs7u4UPPEROeG0oZ+P2aTdKp5eRopZNiQNiD9f6acZLFdJtS7PUknnfxanDMWszXAAAA2Na3wfLNvZ5Wq5F6cuoBH2Lotd4dy9hI3XchQMJ8wMEsAABsRjM1QN9qcLwWGex0emnLcmgl+GSWwFjsSFYjdZmwiFrzOIMYrVggw7fsATCepPlhSYi3tZoQ04Il9OdnGf96Bl3IzAFMempG6LNDdN5hneNGhizlV9HgMTroQFr2AOASck8AAHSmFvnHez1NmvvhTzU4XosMph6QV06nBiajlhAABqGZGqBvkcmklpRECi/2XpbDUbMml0o8iaqUX7/LY1Js4HO1WJCDR0lpBhx8jhh+usLA7xWP17IHQIzBr5tw1poD+F6S5voT/6ZqYKwWGOut8FNYXKc/ZWMgRtHrSXoAAMD1NFLzSj3gA8iFdcvp1MAsalFLCABD+F/2AAA4L2GHqpQCsqQkpgIkLrKeRJXVSF1KP6dS+80AECZxkXvI+13Szra9zFHokGIwYFTrPTXrROpSSnlKipsqYS6TNY9pCTFDT/y+h9MaAAAA2LmshlY6ox7woYZc69279bvQgsPWdeNUdsJGCQAAbEkzNUC/QovdkhMOLTqghBkfWZZDXZbDcVkO/5bcneLsSgzAzFKaXAadI2Y0ybSEmMAXFBLAbd7kADKL7Z4nzgGEvu9Z7/MaNzq2okEAAADI93Q6vUy5iR5nqQd8ILmwbmWs/WcengIAAHRMMzVAh9bEXg0MmX2yXEb8mhCTjq3F068nUWfvVjrzrsQtewAAdKElxa1Jce9RowNOPE8Z1TCnUgJEec0BdNBEXcqvHMAxeQwpEoobs3OgGScB1YSYI2jZAwAAAGAKNtHnN/WAIWpCTL6QtNFkxknwAADAADRTA/SpBsdrwfH+kLRwkF0oS6I3p08fl+Xw75vi6Zo8tFJ+FVHPvCtxRmExAJ1JLCwZao6YtACcXXjB9Wr2AACyyQF0K/pU6mNkvE7iDzW/jaKQHQAAgAAaqXmvBsdrwfH+oB6QdzLWmH0fHsd7CwDAsA7ZAwDgrOhCwhYZ7wPPJfh1L8vhmF1EuSPfOt/N8Vvpo0j6K7MXUQPAW+Hzw1KGmyOGnzg80HtDjpY9ACCEHMB2Zt+kpAbGaoGxPpORA62d5H8BAABgBuo++Ih6wACDrfVO43R6actyaCU4d+/7AAAAvKeZGqAzCcWoXRRtnk4vx2U5RDfLhDef7Fgt4xQq98qCGgC8kTQ/LGWQOeKyHGqZbAd7hvAzewBAiFrkALYw9elECTnQXu5RrcRvGPS9mMcBAABAhKnzPXxMPWCoIdZ6Z3Q6vTwty+Hf4LDfl+XQXJuH1sX1DACA/fhf9gAA+EtoQq+znfdacLy6NqFANo3UAHBeS4hZE2LeoibEtFAJvJWx4QXshcLa+JN4jpHxPpL0udeEmAAAADCT59Pp5R/5Hj6hHjCOesC+Zaw3W88CAAB+00wN0JGE0+VaYKxLZJwQUxNiwlsaqQHgYynNuwm7w98ifNFXERAA3K0prP2dA43U24Yw4eMZZH4LAAAAo3ltoj5mD4R+qQdUD8h/kq6XGuwBAIDfNFMD9KUGx+uqkDApWWbnQTJppAaATyQ2GnU9R0xa7O3q2QEABiQH8J/ouVYLjvcpOVAAAAAYniZqrlGD43W1picXxhlOpwYAANJopgboS2jSptNTcJzMwiyeFFEDwEWyTqeuGXEvlLHY2xJiAtdr2QMAzpID+FMNjNU6zYG26ICdz28BAABgBE0TNTdQD6gekDecTg0AAGTSTA3QiYQEXle7UL7REmJ+S4jJvF4X11r2QABgBIkFKT3vTl2D4/XahAT87Wf2AIA/tPKrkbolj6MbCTnQXq+LTl8BAACA8dRlOfy7/nPUmMdX1AP+1hJiqgfsW8bmo/KjAACAZmqAjkQn8FpwvIusxaUtOGwNjsecWnESFQDcqiXErAkxv5S0i3qvTUgA0LOn0+lFI/Xfok/iOUbGu1TS96ImxAQAAIC9+l5K+fHaWJ08FvqlHrCoB+RvWd8J12sAAEAzNUAH1p1Ka2DI3k+WC2/WkCjjwZ4VUAPAXVKaeTudI4bvot5rExJwll31Id/z6fTyjxzA3xJOa2rB8a4VflJQp/NbAAAAGN13TdW8px7wL+oBeS/jJHXraAAAMDnN1AB9qMHxuj5ZLqlZQ6KMrbXyXwH1MXksADC0xHtpeOPyZxKKLkrpvwkJAHohB/C16PxbRjHexZK+K13NbwEAAGBnNFXzVg2Opx7wb+oBO5Z0OrUmewAAmJxmaoA+hCbuBinqbNEBE07HYb9aWRcpluVwfP0nc0AAsAMZzTC1szliTYjZdRMSAHSglfV+KQfwpRoZrPOTeF614Hi9zW8BAABgj16bqmv2QEilHvBvLTqg32H3nE4NAACEOmQPAGB2CcWVozRDPJf4ZpHvxcl7bKOWM9/fZTm8JmNb+dVs3QYp7AWAHrSSs7BZSz9zxPDXb64CfGKU/AI8Wi1yAF+SA/3QzxKfA62ln/ktAAAA7NmPZTm00+nlKXsgxJIL+5B6QP5wOr20ZTm0Evy9WJbDcZANCAAAgI05mRog37fgeC043k2SiktrQkzmVMuvZP2PZTn8cGIVAHxtnR+2hNBd7EydtGv6KIUX9CP6+RZgBLX8lwP4d+IcgJN4zkgaZxfzWwAAAJhEdUr1lNQDnqEekHOSNpz47ro8DPlsAAA2pZkaINGakKmRMQc7ASe8eWPiglby1PIrQTtzQTUAXOpnRtBO7tE1OuAoTUh0pWYPAGAA0+UAEorSWnC8e8mBAgAAwP790Lg3B/WAX5IL45yMTb416QIAwIQ0UwPkqsHxhjpZzsksTOj7elJ1zR4IAPQosbm3h9N2o+epLTgeAMxmphxA9DwmZQOeO7SEmD3Mb9NM8rsDAACgP7PkgmZXg+OpB/yaesDOJX0vqmvyzVr2AAAA4FaaqQFyhSbqBj1ZrkUHlCQjWS1zL6BZwADgKxkFATUh5m9Ju6WP1oTEx4YqogGYTC1z5ABqZLDRcqDryUEtOOzshYI1ewAAAABMa4Zc0OzUA36tRQf0uxuC06nHoZYAAIBhaaYGSJKQoGvB8baSkXipCTHhPQtoAHBeywia1ND8KvzkwEELL2Bqnh9gaLvNASTMoUbdREQOFAAAAOax21zQ7BJyYS043lbkwviL06kBAIAIh+wBAEwsele7IQsJT6eX47Icot+r76WUY3BMOOdHKeWf7EGUX4svNXkMAFBK+XVy37IcWom/N2XOEWtwvCGfHQBzdhjcj2U5PK2nFO9JdF6vBcfbxOw50KTXD8AdTqeXHtYugMm5FkG4VsY6ifJb6Ttnutdc0OyiN0geck1v9lwYn3oqv+rlIvVSn8cHluVQ3S8BANiKZmqAPDUy2ODJhOcSXHi5LIej0/jowbIcfpxOL0/Jw/hZ+l5kBGA+KfemjEW6pBOxW0JMdsKz1FRa9gBgh76XHf22Ek70aIPnQFsJnuMqQgMAAOAKP0fO/b5Zb+lpMy8NfPtTI4MNntdRD8hfsjZW993oXi07WjsBACCXZmqABAkNEUPuQvlGK/GLGdE7hcJH6myFrRLUDOLZ9/Rz63ynp2IEdiTx5Lpa4hfpwk9znGneAdzOtQIeou7smbgGxxvpdKxznkv8e7arBv4rOImIITht82vLcvg3ewwAAIzhTb7lWEo/a5mdbLDPBtQDXq0V9YCcl5UnPQbHBPZFLeEF5HMB6MH/sgcAMKnwhojgeJtaC7RbcNiacHoOfORH9gAAoEMtIWb07ug1Mt5q9CYk3rFgN5X0wj9gE3v6LYe+ltHveUmbVNSEmAAAAJDudHo5rhsYPZXcuir1SfuhHvAK6gH5SNJ3I2NDhGGNnosHAGBumqkBgiUk5PZyslxGU0dNiAlnSeYDwF9SdlsPXkStgbFKKRY+2YRd/QHutIeirYTX0ILjPUr4HHcP3zcAAAC41en00taToTNPh7bB/uDUA95MPSAfyagF2NNGp3vjswEAYDOH7AEATCj8wV5B3M2+l1KO2YOA1feSVBh8Or0cl+UQee3y2wPgS6fTS1uWlLRGZKOoHewZUc0eACFa9gBg5/awMUX4a5ADvVkveZjnEjj/XZbD0UZCAAAAvFobU/9ZlsOPkpDn9pw6PPWA4+glF8Yn1lqAVoKvx8ty+LFusAEAAOyUZmqAeDUhXnTM3bBYQUdq9gAAoEOhDReruiyH+ujd3hN2sC8l6bRv4H4JRVMZp0XATGr2AO6xzmNqcNiMmLsRMb8FAACAEZxOL09JDdXfl+Wwl9OGZ1QT4kXH3A31gGNYr8f/BocNqQXgej4XAAC28r/sAQDMxI6QQ9rDSUDsRFJTVYqZXisAt0tc5K4BMcJ3sLf4uGuhjfKefQHuN/i1tGYPgKvV7AEkkPcFAADgrPVU0owNaMPXhrjf4Hm8WckLjcO1uF/Rn00NjgcAwE5ppgaIJdEynpo9gEE8n04v/+ztn1LK6wJZy317f6uJsVtwvBocD4BxtYSYEfP6GhDjLadSw9gU/hBplzmANQ/wXNwTtyAHOp70zyxho6QaHA8AAICBrM+pLThsDY7HNtLzKlytZg+AyyRtrl4dAtIla6EAAGxCMzVAEAmWcdlBdF6n00s7nV6Op9PL05ui6ln9DI4nAQrApVLuz4+c3yfNP1tCTPZL4VC8GhksqXgFHm7NARw7yQEMeS2VRxvXjJ+dnD0AAACfWU+obpExZ3w+H5ncwrj81obidGpKsQkCAAAb0UwNEEeCZVw+O0opvxsGnhKHMNN3sWYPAIAxnE4vLSn0I+/L0ZuKtMT3kQAaX/dNsRY8xpum6pY9lsHYHG1cM352NXsAAAAAdC+6iW+mupA98HmNy2c3iMTTqTPiDiPjc7EmCgDAFjRTA8Sp2QPgdhIxvFobjTIbqlNIgALQuYzdqOsj/uh6/3vI3/7Ez+B4TECBQagaHK8Fx4NU6wlEXCBpHsN2age5mOh5/YwN5AAAAFxhrREJfV7t4Pmcy9XsAXA7v7WhZOTpNdz3p2YPAACA8WmmBgigiHwXJMf4bdaG6gQ1ewAADKNlBH3QPL8+4G9+yqnF02jZA+Bhop9XbcDAjOQALlOzB8DdavYAgtXsAQAAANC/hHWUGhyPG6gH3AX1gINYa/VadFy/8y+14Hg2xwQA4G6aqQFiSLyNr2YPgL5kJWmTteB4rp0AXCTxvvyIxbro+1/Gqd7kiG6ANZfbr5Y9AIg2aQ7gFq7948v+DFt0QAWRAAAAXChyPSX7+ZzL+JzGV7MHwFUy1rX9zj8Xvf5cg+MBALBDmqkBHmxZDjV7DGxDYR1nzHYiW/jrdQ0F4AoZ9+W65b0q6b7XEmKSo0UHNJd7vIzn1LWpFGbkmfgT8mb7kflZJt1jnGYCAADAJVpksJHyQjPy+eyHvOY4nE7dpRYd0OcBAMC9NFMDPJ7d6fbDZ8kfTqeXY/YYgrWEmDUhJgADSrwv1w3/Vvh8U1PkPJI+65oQczYawCBI0lyjJsS8levRfmR/li04Xg2OBwAAwIAScuw1OB7XUUO2Hz7LsaScTm0DhfNsjgkAwIg0UwM8Xs0eANuRGGNmSQlQixYAXCNl8XTDv1U3/FuXyHi/yNWC45nLPdD6fFqDw7puAH9Juh7xODU5fsYp8MfomAAAAAxJfpRXNXsAbEc94DiyTqcu1jw/04LjVb9ZAADuccgeAMCeKcLapVpyEnL0q5W5FklaCX69y3KoTs28XUJRe/N5AYlaSVjIXJbD8d7TKjOeHRJP8ybPz2Iutyc1IWZLiAk9eS6Kps6p2QNgW1vMb+/QSvzv7Hsp5Rgcc1ei80+eZQAAgAl4Vu2UesBdqsX6xzBOp5enZTn8Gxy2WvP8UPj6c/GbvVvwvUwtIQDQFc3UAI+luHJ/LFbwXkZCMFPG6/1eJEDvUUv8/agFxwMopfzaiXpZDq3E36u+dfI3rtGC49GHVnKak1pwzFmE5xwsdAMfkAPdn7Qc6DqnD4+rGPJuP4LjHYPjAQAAlJK0qS/d8R3YH/WA48nY+NSa53mt2BxzRGoJAYBp/S97AAB7tZ7EwA7ZYZTJtYSY1TV1HE4GAjrwMyFm7eRvXCPjfSJZUoOQudwDJD2XtoSYQOfkyfYr+f79nBBTIfQ4WvYAAACAOdmEC+sd+yXPOZak2iRrnmdk3Rv9Zm/nvQMAZqeZGuBxFF/tV/SpgdCNxMVB19Tbee+AqWRt6nDPglPGYpXNL6aW0ZxUE2LuXcZzqU0YgHPkyfZrtnyCYsgbJbxv5iQAAMAUNDt1abZ8yUzkOcdjQ8Z++CwAABiGZmqAx6nZA+BhFNYxOw04APSuJcS8Z7EueqEv415OP1pCTIvZG1qfR2t0XJswAO9lXY8IU7MCJ95zzFluU7MHAAAAAEFq9gB4GPWAg0k8nTojLmf4zd4sNA9ujRkA6I1maoAHkDCZQs0eACRqGUGX5fAjI+7I3I+AiaU0C9+yWJe0wNcSYtKJ0+mlZcQ1L9lURqNXS4gJ9K9mD4DHSr5/t4SYimZvowkdAACA3bPOMYWaPQCu9pQQUy7sHZtjAgAwEs3UAI/xLXsAPJxEDNPKasApClpvEX0/ctIp0IXEe9Utc8S69SC+0BLfH/qRcc/2DLWBxFNgfybEBPrn2r5/mZ9x1r3H97p/LXsAAAAATEk94P7JCw1mXfdu0XFtrnBWS4jppPAreb8AADRTA2wusbCZYBILTC6radbCxXVq9gAAEmXcq+oN/030vU1DJKUkNaAsy+FHRtydSXkPE3eUBzpls7N5ZH3Wifcem/ldISNHbnMoAAAAoqkHnId6wCHZRLoPagnHEL0xSAuOBwDwJc3UANur2QMgjB1HmVlLiqug9UIWeIDZZTVfXHP9TWo8CI9JfxIbUMzl7pA4v2tJcYG+KVCaR02MrQCvf94rAAAAZlCzB0AY9YCDSTyd2ibSb2RugKhG7jJJG4PY7B8A6I5maoDtKR6aR80eAGTJSkSvJKMvE77Ao0EP6FBLiHnN9deuv2TSnDSQdXE7673L+q4AfavZAyBM5r27JcWtCvC+lrRJjnkJAACQxrPi1KxtzKNmD4CbZOSMbCL9t7T1Z5/FRWr2AAAAeqCZGmBDkubz8ZkzubSdA+3u+bmknSQBetT7ouml/95WNB7wW+ImKJqTbpNVqNUyd5IH+uQ6Pp+szzz5HqQA72sKyQEAANg9ubD5+MzHk3goiPzYn1pibJ/F18LfIwezAAA90kwNsK3wU0BJJwnDtJKTXXb3/FzGtUmDHtCdxOaL+tW/kLEIryGSM+wOPoD1elGTwqdtoAR0TT5sPpl578x8g+/6BxI38msJMQEAAF6pC5uTz30+ckIDOp1enhLCql97I7GpvRQben/KewMA8B/N1AAbcQrovCTEmFxmQavTqc9wPwL4S8a96pIF9ujCC5tecE5LjG0ud4F1bpdWtGO3cOA9ebBppRUFdrCZnznLeSnzExtEAQAAyWr2AIil/mJe8qDD6rU2YCapm2P67X7IwSwAAKtD9gAAdqQmxPSweV70g//34kQMJnU6vRyX5ZCWFF6Ww4+knUV7llXMesyIC/CVrHvVshzqR4X+SYUXLTgeAzidXtqyHFpJKgQyl7tIZgOXnANwTvS8qpVSfgbHHMG3En//riVvTvlc8ooS62dz+xklFpKbmwAAAGk0Z02rJsT0/HueekC+lFQb4HTqN9b158wh/FiWw5N87n9sGAoA8CfN1ADbiU7CPGtcOy8jIRYcD3rTSt7voGrC+c+yHI4l57NoCTEBrtFK/PXxswX2GjeMUkopzWIhn3gu5nJdyl7YlnMAPlCD4/10PTpvWQ7/Bof8Xko5BscspeRv5lcU4L2nVda7/AAAIABJREFU+A4AAJiRk0fnpB6wE+oBuULGxozyZX/K3ByzFJsh/Ja4Maa1ZgCgW//LHgDAHqzNa6E8aH4qfIfOjO8AdCR7V9ya3WjSgzX5mZWIdkoY0LuM61T95P8Xfb12neZDa1NQSxyC3drPWOe3NXEI2XN8oENyoN1p0QGTc6DZ96Yf5iy5m724HgAAAMlqdEDPQbnkwrqjHpCL+B3l6+AzUEv4n6z3oSXFBQD4kmZqgG18C47XguONpiXEtAMt0+qgAacUTTilJF6HOkiCA3wq6zp1boE9437lOs0FNCd1pINGatcN4CPhJ/EExxtNxvsTnQd/qyXGfjV1AV7mKSalj88fAACYlIasaakH7EtLiKkecFxP2QMgPb8/fUN18uu34T8A0C3N1AB3Siog8qD5iazGTsX/TC47AVrKxE04yQ03LSkuwLUy7lXnFtg1IdGdTjbHmXYu91YPjdTFdQM4I+ka3RJiDmO9f0erCTFLKb9fb/o9atYCvPUakPna0z97AABgTskbS5FEPWB/1ANyjU7WPqfWycbN0zZUrxv/16z4nXz+AABnaaYGuF+NDuhB8yIZCeaaEBO60EtBa/nVhHPMHkSkDhpuLOgBo2gZQc8ssL//34/WguMxrl7mcjV7EFk6mNeVUuQcgA+Fn8KS1Cw8mvD7d2bepZN7VF2Ww78zzVk6aKR2PQAAADJlPQ/1kLOfWY0O2Eneo3fqAbmG62i+Hk4In66hes3nhq/pvOG3BwB0TTM1wP2cLNehpARzZgIC0nW0sPN9liRoDw03HX3uAJ9K3H26vv4fGY0nmg64VGeb40wxl3urh3ndqoeiBqBPNTheD/ek7k2aA+3luzHFJjA9NFKXfj5zAABgMjPmqvlNPWCHJs2FcSOnU+fr6DOYpqG6k3xuS44PAPApzdQAd0g6haMlxBzVVCezQCd6WeDZfRK0k4abXj5vgEtl7Fb+doH9W3Bs12mu0tEmKbufy71alkNdlsO/JX9eV0opzQYMwDlJG8KExxxYiw6Y2UTc2Xdj1w3VnRTe9faZAwAAk8hej/cslEc9YPfUA3IN6+X5evkM6rIc/pXPfTjrzQBA9zRTA9wnuhnCg+Z1WkLM6O8EdGVd0GvJw3i12yRo9sLtKwu4wGiyrlvLcjiu96MaGdd1mhv1cjLxbudyr9bim+wF7bd6KWYA+hN9+koLjje6jOt39ok8vcxXSvnVUN3T/XwTnRTelWJ+AgAAJOhlPZ406gH71hJiqgccVEcnI0+rw8/gxx43SFjnLvK5AAAX0EwNcKOMZoiSc5LesJISzXXPxf5wod6SYrspal1PLuxl4ba3zxngUhnXr28l/trdguOxExa0H+/NnC67Ee2tZ8VawDlJeS7Pm1fIyoEmxPytw/nKrjaB6WzDl5Y9AAAAYB4drcfLjSRRD9g/9YBc63R66Wljxil1+Bl8X5bDj738rjuZu5RicxAAYBCaqQFuV6MDOlnuJhkLDDUhJnSjw4LWUnZQ1PqmkLWmDmTlngQMrCXErCW+aVLhBTfrdEF76Lncq97mdKtmbgd8InzjB8U2NwnPgWZvdtLhfKWUwTf063DDF8V3AABAmM5yty17ABOr0QHl52+iHpBr2aQiX2/53FoG39R7zef+W/q5PvmdAQBD0EwNcLvogiIPmjdISjj3UmwGaTotaC1lLWodqRGnw0LWUtyTgIHNUoyv8IIN9DifG24u92pZDsd1MbunOd0rczvgMzU4nmvSbVpCzB7uaT3OV1439DtmD+QanTUNlFK6zi8CAAA70mHu1sZSuaK/By043i6oB+Ra1s7zdXo4SykDbur9ppawp409zV8AgGFopga4QVIhVEuIuRctOuBoxXLwIL0WPNYyQCPOu8RnTR7OHywyADuw9yadvb8+AnS8oF3LAHO5Vx0W4r33bGEb+Igc6Diy7tvZ9+KO5yul/FeEd8weyGc6nqt4pgEAAB7mdS2+0+ehn9kDmFXSM7zn39u16IC953n4kt9bss43T/zRez6351rC4vcFAAxEMzXAbb5FB1TcfJeMB/Xw7wj0Zr1u9Zwoq6XDROhaxNpr4rOUvj9TgItMsClEyx4A+7AuaLfscXyglg7ncqV0X4j3VpvgegjcJ/wkHjnQu2QUW9eEmH/ovACvlP+aqrvZCGadq/TaRF1KmeKZDQAACLQ+Ax3f5G17XYv3PJRLPeBY1ANyFdfXboySzz12ls/tuZbQ2g4AMJRD9gAARrM+INfgsBrX7nA6vbRlCb/l1eiA0KPT6eW4LIdvpf/fxPdlOXwvv5qFfkYn0NcGoBHeJw03wJ600v919xYWqtjac+n/t/LHXK4k/A7eNHR32ZB0Rhug+QxIlFQk5OSlO6w5mOj70PdSyjE45jlP5VchWc9qKaWueernEjxfebOuMcJcxRwFBtDbplYTmCHf8833Ksae1nl8Z+Lt6fvDTUa4Vo+w5v4Z9WFJ1AOORz0gNxohj7hr62/3ufSfp/xefq1Bt5Kw/jxSPteaMwAwGs3UANer0QEtSG0iPAGzLIejzw5+JczW3Z1HUMuvwtbX68Xr4tWmCdEBm21eWcwD9mSEBtFbaEJiU+uC9iiFBXX95/taQNPK+pvY+tnszXxu1OI88zrgK+HPq/Jom5gyBzrYfKWU/wrxSnnQfOVdEfhI+acZmgVhL0a6tuxFyx7Ag9Uy5vP1iI7ZA9iQa1G8Y/YASFWLa/VDZT9fT65GB/R5b2LKXBi3W/OIrbifpRrocJZSPl5/flQt4SjvyyuN1ADAcDRTA1wvekGuBcfbpclPZoEejFTQ+tbrdeP7ux1tr20+GS3Rec6zYlZgT5J2K384i/c8wkA7hL9X13/Ku+fBVq7feGC01/6ZJ/M64AI1OJ5NHrbRSvw961twvLMGLoSsxXzlN6eYAAAAE5MbyaUecEDqAbnRXjddH8p6OMuPMt5nUcufzdWvZqwltDEmADCk/VUNAzzQeppDNMny7bQSnIBYlkOVMIAhTwj6yvDFqVdqmvOAnRqxOfQzLXsA7NdgO4R/pZZ9vI5baKQGvvTmBIRILSHm7iRtGFR7yYEOXIB3Ti37eB3X0EgNAADMynp8IvWAw2tFPSBXGHhTxj3aU2P7nupOLtFsjAkAjOp/2QMAGEz4A6/E26auPcljC7MlSeBD6/VMEm08kp/Abu2wMEXhBQ+1zgla9ji4md3BgUuFnzTs+rSpjDlhTYh5lvnKsJ5dBwAAgIlZ38mlHnBs6gG5hetuB9QSDs1vCAAYlmZqgOvU4HgeODeU1CxTE2JCt9YkaEseBtdxLwL2rmUPYCsKL4igQWlYNsgBLrKexFODw3ru3FBSDrSrAlLzleE4gQ0AAJiZzaXy1eB4cmEbUg/ILdSv9UND9ZCezF0AgJFppga40LIcjglhW0LMvQtPSCd9d6BbClqHIvkJzGAvBQt7eR0MwHxuOBqpgWvU6ICaKB+iRQfsMAdqfjwG8xQAAGBmNpdKph5wN9QDcjU5qX5oqB6KTWAAgOFppga4XPTpGs1D50O0hJjfEmJC1zTgDEEjNTCFvVzrFNsQzXxuGBqUgGuF50CD480io5G4qxyoArwhmKcAAABT80zUBfWA+9ASYnaVC+NmNmTshHzuEGwCAwDsgmZqgAssy6EmhP2ZEHP31qRLCw5bk75D0DUNOF3TSA3MZvRF0pY9AOZkPtc9DUrAVZJOUxl9HtalpGf6mhDzU28K8FruSDjDPAUAAJidZ6Jk6gH3Qz0gt9IY2hcN1V2TzwUAdkMzNcBlonehlKh5rIzEdE2ICd1bk2wSbX3RSA3MqGUP4E4KL0ijobpbTxa0gRuEn6bi+fOhwhvVkxryP3U6vTTzle60YiMFAABgbtbk+6AecF/UA3IreaqOaKjukkZqAGBXNFMDXKYGx5OgeaCkxHR4Ah5GIQnaFYu2wJSSdivfjMILsq2Lp55j+2FOB1xtPUWlBod173islhCz2xyohuputNPpxVwFAACYmWeiftTgeHJhD6QekFtZa++PWsKuaKQGAHZHMzXAF5JO02gJMWfTogP2eDIL9EIStAsWbYHZjXq6s8ILurAWGpjP5WrFnA64XY0OqEjtsbI2DFob87tkA5h0Cu8AAIDZyd92Qj3gbrXogOoBd0POqjOn00s7nV7+Ka6dmeRzAYBd0kwN8LXwHQQlzkNkFM19S4gJw5AETWXRFpjewM08LXsA8OrNBjktdyRTcsojcK/oHGgLjjerjA2Duj6RxwYwaRTeAQAAs5O/7Yt6wH1SD8hNsjam5GtrTrFlj2NCT/K5AMBeaaYG+ETSKRpOxgiQlKCuPZ/MAr1wSlCodjq9/GPRDuC34e4/ruH0Zt0gx6J2LIvZwF2STk/JaPKdTtKGQTUh5lVsABPu2VwFAACYnEbqjqgH3C/1gNzJ77RTa25RfjGOeQsAsGuaqQE+l7EL5TE65sQyEmA1ISYM580pQS13JLumkBXgby17AFeyoEu3LGqHaMViNrCN8NNT5EBDhc8Zkxr0r/JmAxhz6sd68nsHAAAm1oocbo/UA+6bekBu4nTqvq353H+Kz+iRHMoCAExBMzXA52pwvBYcb2pJierwhDyMSlHrQylkBThjtAVS13J6Z1H7oZ5PpxdFeMDd1lNTanBYz/mxWkLMYXKgNvR7GIV3AADA7JocbrdqcLwWHG9q6gG5k9x159QSPoxDWQCAaWimBvhA0ukZHvLjteiAa5EqcCFFrZtSyArwtZ/ZA7hQyx4AXOrNKdUteSh78DqfO2YPBNiNmhCzJcScVtaGQSPlQG3ot7knhXcAAMDkPBd1Sj3gNFp0wJFyYXxstM3XZ3U6vRxt6L2ZVhzKAgBMRjM1wMfCdwzU3JYio1nGbpRwJUWtd2vFgi3ARQZaJHJPZCjmc3drxXwOeIzoPFWTA02RkQOtCTHvogjvbs828QMAACbnuah/6gHnoB6Qm1mLG4cNve/2dDq9PLlPAQCz0UwNcEbSToEKyhMkNcvUhJiwC2+KWl0zL/cs8QlwtZY9gK+4rjMq87mbmM8BD5F0Ek9GIeP0knKgwxaQKsK7WitOLwEAAObWiuei7qkHnId6QDbgtzsIG3rfxOYvAMDUNFMDnJdR6NUSYvJLeCIlqVgVdkMTzkVeE5/H7IEADKj3+0vv44Mvmc9dxHwOeLRv0QFd01K16IAj50DfFOFpqv5YK04vAQAA5taK56KRqAeci3pAbiaPPR5rzxex9gwAUDRTA3ykBsdrkuqpWkLMYU9mgZ5IhJ4l8QlwpwHm5i17ALAV87m/tPKr+M58Dnio9SSeGhy2BcfjTxn32vCG/a1pqj6rFc0CAADA3J6L56IR1eB46gFztYSY6gH3xdrlgN6tPbfk4fRCLSEAwBuaqQHeSdoh8GdCTFZr4rpFx12LVoENvEmEzlrY2oqmG4Ct9bo4qvCCXTKfU3wHhKsJMXudX00h6f5S95IDfW2qnnwTmNeiO/MVAABgRq28aUbyXDQW9YDzUQ/IvdRfjW29V79ukjljPrcVTdQAAGdppgb4W/gOgR5Wu5CRwLYbJWxswsJWRawAD9LxHF3hBbt2Zj7Xkof0SK0ovgPyZORAW3RM/pKRK6kJMR/q3SYwe88/tWIDPwAAYF6t/Lkmf0weD7dTDzgn9YDc6yl7ANxnXXue6bTqtxt4H7MHAwDQI83UAG8k7Qy492KrISQlDmpCTJjGmcLWljuizbwmPRWxAjxeyx7Ae679zOR1x/CdLW63ovgOSJZ0Eo8caAeS7ju7LSB9V4i3p8bqVmzgBwAAzOm5/LkeL4e7A+oB56UekHtlnXDOY+x07bmUd7WE8rkAAJ87ZA8AoDM1IWZLiMl5rQR/B5blcLTwAo/1PrH9pmh8lGLe51I0zwEkeS59LXi37AFAlrdzocHmc638OvmgWbgGZuaZtiutyIFu7k3+6bgWaddSyrfS1/PER1oxXwEAAObQyt8n1XoW2r+aELMlxOS8VuTCuE9vNQNs4N3acy2/PuMR1p5Lkc8FALjLP9kDAACATG+acXoocG1lXby1sAIAcJnO5nOvp01YvAYASil/FOOVYr4CAAAAANCtd/nc7AbrVtQSAgBsSjM1AACc8aYp59VWydHnd/9b4SoAwAM8aD7XyruTSyxcAwC3eFeUV8p2jdatmK8AAAAAAGzmzNrzo/K5agkBAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAP7fHhwSAAAAAAj6/9oZFgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAABN89yUAAAFjklEQVQAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAACAWQHAX+cuWfG0AAAAAElFTkSuQmCC)

Inizia così tra le due Rachele: quella giovane che attraverso la sperimentazione artistica decide di **rompere gli schemi** di una vita impostata e quella matura, testimone di una **rivoluzione** personale e sociale in continuo divenire. Per Rachele, l’arte non può mai prescindere dalla dimensione umana e in particolare dalla messa a fuoco della figura femminile. Lo sguardo dell’artista è sempre stato **attratto dai contrasti** e il lavoro artistico è connotato da un variegato uso di **materiali e da tecniche** molto diverse. Si transita così attraverso sei ceramiche degli anni Sessanta, cinque Figure degli anni Settanta, tre Personaggi degli anni Novanta, la Rete degli anni Duemila e i sette disegni colorati su carta e tela degli ultimi anni.

Anche l'universo femminile per Rachele si trasforma continuamente ed evolve, a volte in modo figurato, a volte in modo astratto, ma sempre secondo un ordine geometrico. Tra le opere nuove, non comprese nella precedente riflessione espositiva, vogliamo segnalare un bronzo spiraleggiante, realizzato nel 1968, dall’emblematico titolo **Ricerca**. In questa composizione, così intima, si percepisce quel continuo richiamo alla forza generatrice assoluta ed essenza del femmineo. Attraverso le Geo-Metrie al femminile di Rachele vediamo così manifestarsi la responsabilità per il pianeta.

Catalogo scaricabile al link: https://www.flipsnack.com/E86AE6AA9F7/catalogo-rachele-bianchi-geo-metrie-al-femminile.html

***Associazione Archivio Rachele Bianchi***

*L’Associazione culturale Archivio Rachele Bianchi è stata fondata nel settembre 2019, a un anno dalla morte dell’artista, non soltanto per dare visibilità̀ e continuità̀ al suo lavoro, ma anche per sostenere l’importanza culturale e sociale delle donne nel mondo: in tutta la sua produzione infatti, l’artista ha cercato di esprimere i dubbi, le gioie e le sofferenze dell’essere donna, disegnando il mondo da un punto di vista femminile.*