

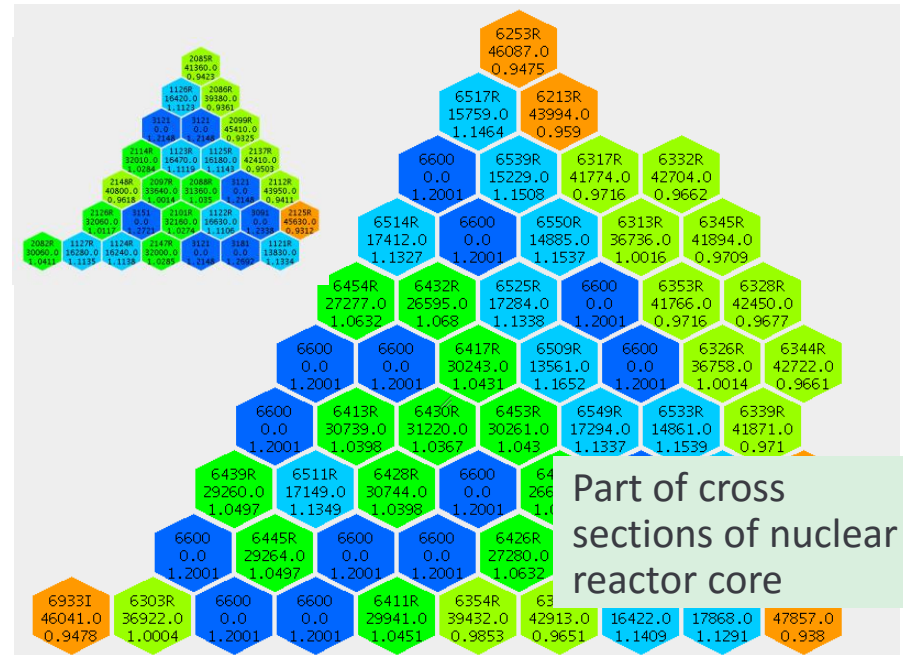
Challenge

To guarantee a highly economical use of nuclear fuel and minimize nuclear power plant operational costs.

COMBINATORIAL AND CONTINUOUS OPTIMIZATION IN NUCLEAR ENERGY

Goals

- To reduce nuclear fuel cost
- To increase economics of a nuclear fuel cycle
- To fulfill all safety and operational requirements



Part of cross sections of nuclear reactor core

Benefits

The company has a computational tool for designing and optimization of nuclear reactor reloading patterns

