

Advanced Capabilities of Multi-functional Calculation Program Supermc3.2 for Complex Nuclear System

L. HU L. HAO, J. SONG, P. LONG, B. WU, S. YU, G. SUN, P. HE, J. ZOU, Q. GAN, L. WANG, B. LI, Y. WU, FDS

■ Advanced Capabilities of SuperMC3.2

- Full-function neutronics simulation
- Innovative adaptive variance reduction methods
- CAD-based accurate modeling for complex irregular geometry
- Intelligent data analysis based on multi-D/multi-style visualization
- Collaborative nuclear design on cloud computing platform.

■ Benchmarking with HCPB mock-up experiment

