## Fission half lives of fermium isotopes within Skyrme Hartree-Fock-Bogoliubov theory

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Nuclear fission barriers, mass parameters and spontaneous fission half lives of Fermium isotopes calculated in the framework of Skyrme Hartree-Fock-Bogoliubov model with SkM\* force are discussed. Zero-point energy corrections in the ground state are determined for each nucleus using Gaussian overlap approximation to generator coordinate method and the cranking formalism. Results of spontaneous fission half lives are compared to the experimental data.