Pictures on Cover Page:

❶Potential energy of ^{180}Hg having the largest proton to neutron ratio among isotopes whose fission property was measured so far.

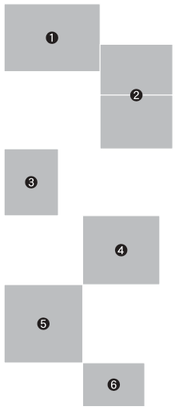
❷Czochralski-pulling method and a single crystal of high-quality URu_2Si_2.

❸Differential DBAR spectra of the Fe, Co, Ni and Gd samples obtained in the external magnetic field of 1 T at room temperature.

❹Schematic illustration of electrons' trajectories under mechanical rotation Ω and a magnetic field B. The circular spin current is generated in the uniformly rotating body.

❺TEM image of yeast cells after exposure to 1×10^{-4} mole/L Ce solution. $CePO_4$ nano minerals were developed directly from cell surface.

❻1st ASRC international workshop held in February 2011: Discussions at coffee break.



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