

Magnetostriction in UTe_2

Dr. Atsushi Miyake and his colleagues have performed high-resolution magnetostriction measurements under pulsed magnetic fields up to 55 T on UTe_2 , which has attracted much attention as a spin-triplet superconductor. The results capture the presence of anisotropic lattice distortion after the metamagnetic transition, which is an important clue to the origin of the disappearance and appearance of superconductivity due to this transition.

His paper, submitted on April 18, was published on May 17 and was selected as JPSJ Editors' Choice. For more information, please see the following

JPSJ website

<https://journals.jps.jp/doi/10.7566/JPSJ.91.063703>

