

Roger Wördenweber, Victor Moshchalkov, Simon Bending and Francesco Tafuri
Superconductors at the Nanoscale

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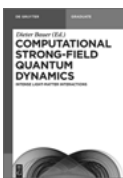
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Superconductors at the Nanoscale

From Basic Research to Applications

Edited by

Roger Wördenweber, Victor Moshchalkov, Simon Bending
and Francesco Tafuri



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Cover Image: Artistic 3D view (realized by Dr. T. Cren – INSP, Sorbonne Universités, CNRS, Paris, France) of quantum vortices in superconducting nano-islands of Pb subject to a magnetic field. Individual Abrikosov-Pearl vortices appear as regular dark spots inside the islands and the Josephson ones in between (see D. Roditchev, et al. Nature Phys. 11, 332 (2015) and Chapter 3 in this book: *STM studies of vortex cores in strongly confined nanoscale superconductors*).

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