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Altri autori (Persone)	CooperLeon N <1930-> (Leon Neil) FeldmanD. E (Dmitrii Eduardovich)
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FERMIONS; BCS FROM NUCLEI AND NEUTRON STARS TO QUARK MATTER
AND COLD ATOMS; ENERGY GAP, MASS GAP, AND SPONTANEOUS
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SYMMETRYFROM BCS TO THE LHC; INDEX

Sommario/riassunto

The BCS theory of superconductivity developed in 1957 by Bardeen, Cooper and Schrieffer has been remarkably successful in explaining the properties of superconductors. In addition, concepts from BCS have been incorporated into diverse fields of physics, from nuclear physics and dense quark matter to the current standard model. Practical applications include SQUIDS, magnetic resonance imaging, superconducting electronics and the transmission of electricity. This invaluable book is a compilation of both a historical account and a discussion of the current state of theory and experiment. With con
