



# Supersymmetry, Supergravity, and Unification (Cambridge Monographs on Mathematical Physics)

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### **Editorial Review**

#### **Review**

'It is a comprehensive review of the subject for advanced graduate students. The book provides a broad overview of the field with detailed background information on group theory, field theory and notation. It covers everything from the Standard Model to supersymmetry, grand unification, supergravity and cosmology, including detailed phenomenological calculations and problems. It also introduces the extension of these theories to extra dimensions and string theory. It should be a useful tool for every student who wishes to learn this material.' Stuart Raby, Ohio State University, Columbus

#### **About the Author**

Pran Nath is Matthews University Distinguished Professor of Physics at Northeastern University, Boston. He has made pioneering contributions to the development of supergravity theory and its applications to particle physics, including the mSUGRA model. He has also contributed to the development of effective Lagrangian methods, pion physics, current algebra, solving the U(1) problem, dark matter and proton stability in unified models. He is the Founding Chair of the Conference on Supersymmetry and Unification of Fundamental Interactions (SUSY) and the Symposium on Particles, Strings and Cosmology (PASCOS). He is a Fellow of both the American Physical Society and the American Association for the Advancement of Science, and a recipient of the Humboldt Prize in Physics.

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