



Supersymmetry and the Unified Superstandard Model (Hardback)

By Stephen Blaha

Pingree-Hill Publishing, 2017. Hardback. Condition: New. Language: English . Brand New Book. The author has been engaged in a seventeen year effort to build a unified theory of elementary particles and gravitation based on Quantum Field Theory, suitably extended to make it finite, and having asymptotic states that are well-defined in any coordinate system. Quantum Field Theory is without a doubt the most accurate theoretic framework that we have found. There is direct evidence for this claim in its ability to account for electromagnetic phenomena to incredible accuracy using Quantum Electrodynamics. No other scientific theory has achieved the degree of precision seen in the agreement of experiment and theory in fundamental electromagnetic phenomena. This book describes a further extension of the author's unified Extended Standard Model to a Unified SuperStandard Model of Elementary Particles and Gravitation. It develops a new formulation of the Layer group that creates four layers of four generations of fermions. It also creates four layers of vector bosons. The number of fermions, and of vector bosons, is 192 in both cases. Based on the Dark and normal fermions and bosons of the Unified SuperStandard Model, and an Equipartition Principle, we find the proportion of Dark...



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Reviews

This book is fantastic. This is certainly for all those who statte there had not been a really worth reading. It is extremely difficult to leave it before concluding, once you begin to read the book.

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