

《简明量子场论(第2版)(英文)》

图书基本信息

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内容概要

这是华裔著名物理学家徐一鸿教授的又一本关于物理学的专著。量子场论是物理学之大成，它融合了狭义相对论和量子力学，是物理学精义的集中体现，也是物理学最艰深的部分之一。许多量子场论的教程，写的晦涩难懂。冗长复杂的数学公式，让物理学的核心思想模糊不清，不知所在。物理学的专业人士，也常常不知所云，更遑论一般读者。而徐一鸿教授的“Quantum Field Theory in a Nutshell”，无论是写作的风格，或者是问题的阐述及处理，都一扫前非。《简明量子场论（第2版）》用略带口语化的语言写成，作者似乎是面对面与你谈论有关的物理学话题。体现作者深刻物理学智慧的内容，俯拾皆是。用最简洁的数学工具，凸显物理学思想，结合轻松幽默的语言，不经意之间，将你引入物理学问题的核心。阅读《简明量子场论（第2版）》给你带来的喜悦，和喜悦之后的收获，似乎只有“*The Feynman Lectures on Physics*”，与之在伯仲之间。如果想体念和分享，量子场论之美，量子场论之优雅，你不可不读《简明量子场论（第2版）》。

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1、《简明量子场论(第2版)(英文)》的笔记-第6页

quantum field theory was born of the necessity of dealing with the marriage of special relativity and quantum mechanics, just as the new science of string theory is being born of the necessity of dealing with the marriage of general relativity and quantum mechanics.

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