

《The Theory of Toroid》

图书基本信息

书名：《The Theory of Toroidally Confined Plasmas (精装)》

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内容概要

This invaluable book provides a basic introduction to plasma equilibrium, particle orbits, transport, and those ideal and resistive magnetohydrodynamic instabilities which dominate the behavior of toroidal magnetically confined plasmas, and to develop the mathematical methods necessary for their theoretical analysis. The book deals primarily with the consequences of ideal and resistive magnetohydrodynamics, these theories being responsible for most of what is well understood regarding the physics of fusion oriented discharges.

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