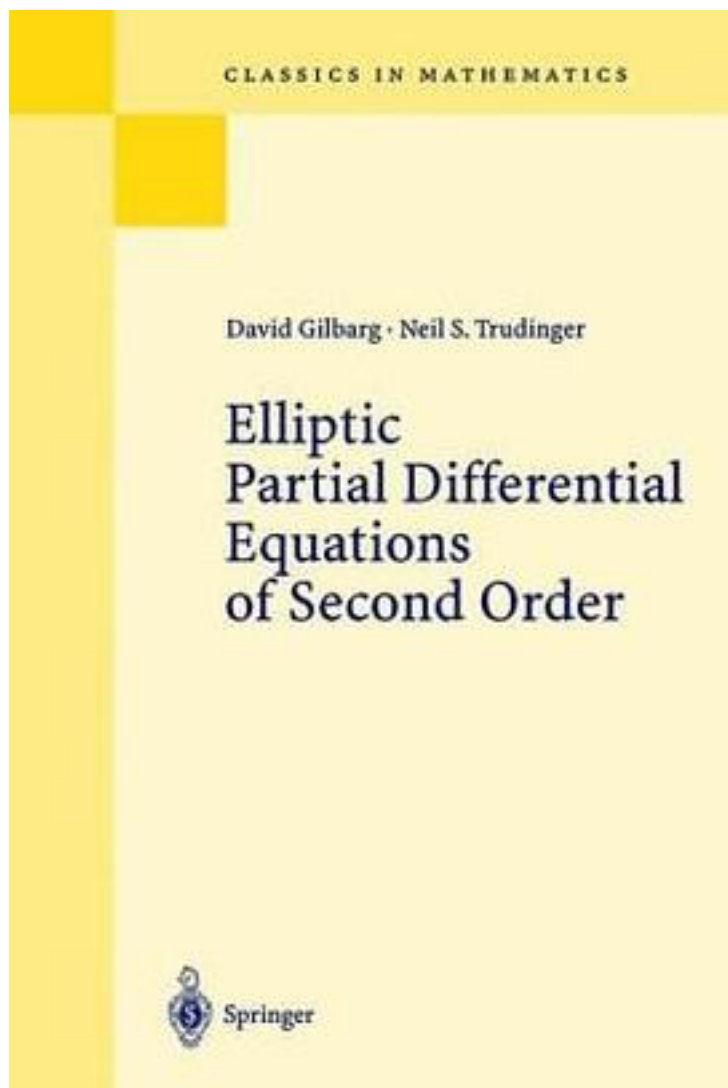


Elliptic Partial Differential Equations of Second Order



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From the reviews: "The aim of the book is to present "the systematic development of the general theory of second order quasilinear elliptic equations and of the linear theory required in the process." The book is divided into two parts. The first (ch. 2 - 8) is devoted to the linear theory, the second (ch. 9 - 15) to the theory of quasi-linear partial differential equations. These 14 chapters are preceded by an Introduction (ch. 1) which expounds the main ideas and can serve as a guide to the book. The authors have succeeded admirably in their aims; the book is a real pleasure to read." Mathematical Reviews This new printing contains numerous corrections and revisions.

作者介绍:

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标签

偏微分方程

椭圆方程

Grundlehren.Math.Wissenschaften

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分析

评论

读过一部分 很多先验估计啊什么的 感觉是读过的最难的一本书了

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书评

这学期借着上椭圆方程的课，终于把这本名著从头到尾细细读了一遍。这本书中不少定理的证明都非常难，这里“难”并不是指证明它们用到了高深的思想（事实上，许多定理的想法都很简单），而是在试图得到合适估计的过程中，包含了许多技巧和计算。例如在weak solution的一章中，基...

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