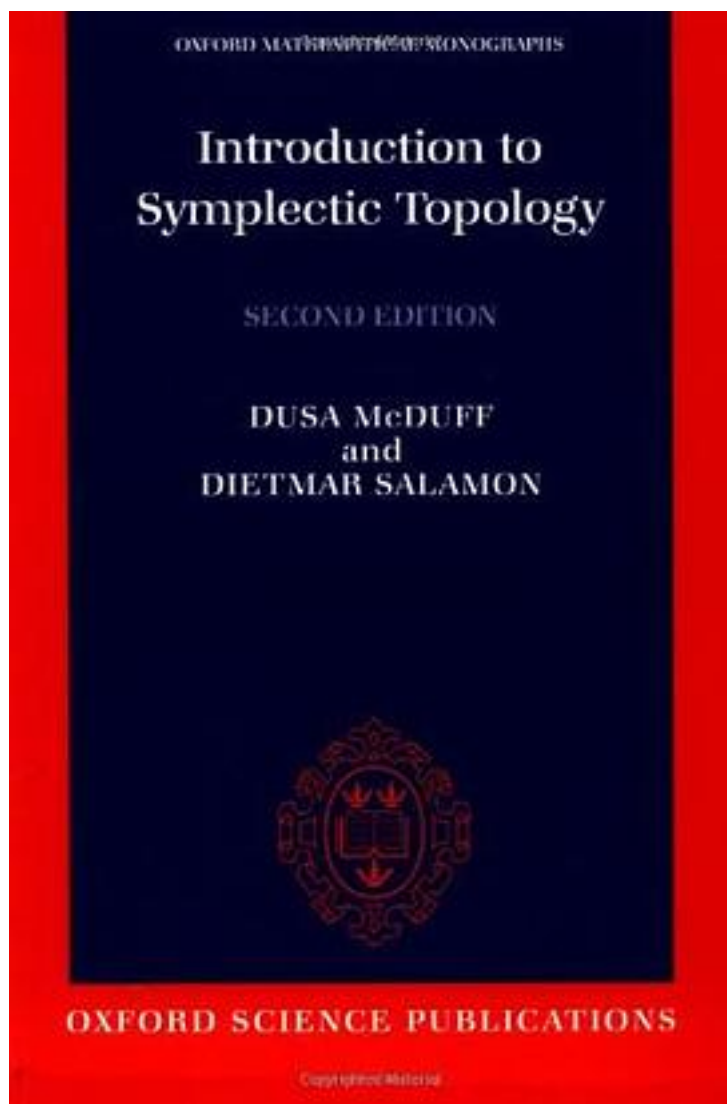


# Introduction to Symplectic Topology



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Symplectic structures underlie the equations of classical mechanics and their properties are reflected in the behavior of a wide range of physical systems. Over the last few years powerful new methods in analysis and topology have led to the development of the modern global theory of symplectic topology, including several striking and important results. At its publication in 1995, Introduction to Symplectic Topology was the first comprehensive introduction to the subject and it has since become an established text in this fast-developing branch of mathematics. This second edition has been significantly revised and expanded, with new references and additional examples and theorems. It includes a section on new developments and an expanded discussion of Taubes and Donaldson's recent results.

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# 评论

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# 书评

作者Dusa McDuff似乎是英国数学家，在剑桥拿到的博士学位和第一份教职。她早先研究过算子代数，后来成为辛拓扑方面的专家。而Dietmar Salaman是在苏黎世高工拿到的教职。除了本书以外，另一本J-Holomorphic Curves and Symplectic Topology（这是0亏格Gromov-Witten不变量的标...

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