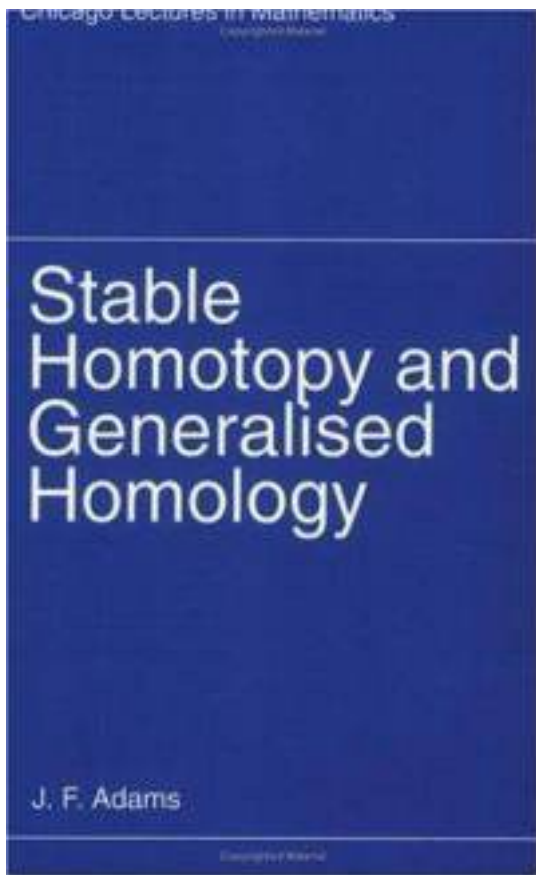


Stable Homotopy and Generalized Homology



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著者:Adams, J.Frank

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J. Frank Adams, the founder of stable homotopy theory, gave a lecture series at the University of Chicago in 1967, 1970, and 1971, the well-written notes of which are published in this classic in algebraic topology. The three series focused on Novikov's work on operations in complex cobordism, Quillen's work on formal groups and complex cobordism, and stable homotopy and generalized homology. Adams's

exposition of the first two topics played a vital role in setting the stage for modern work on periodicity phenomena in stable homotopy theory. His exposition on the third topic occupies the bulk of the book and gives his definitive treatment of the Adams spectral sequence along with many detailed examples and calculations in KU-theory that help give a feel for the subject.

作者介绍:

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标签

homotopy

数学

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评论

介绍了Novikov和Quillen的部分工作，语言比较简洁，有点儿Milnor书的味道，不过以前是不会想着去读这个的，现在纯粹是为了读TMF而打基础的，我想大Adams们再创造这套理论的时候怎么也不会想到几十年后这套东西也会和物理相结合，成为数学物理中炙手可热的一个话题

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书评

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