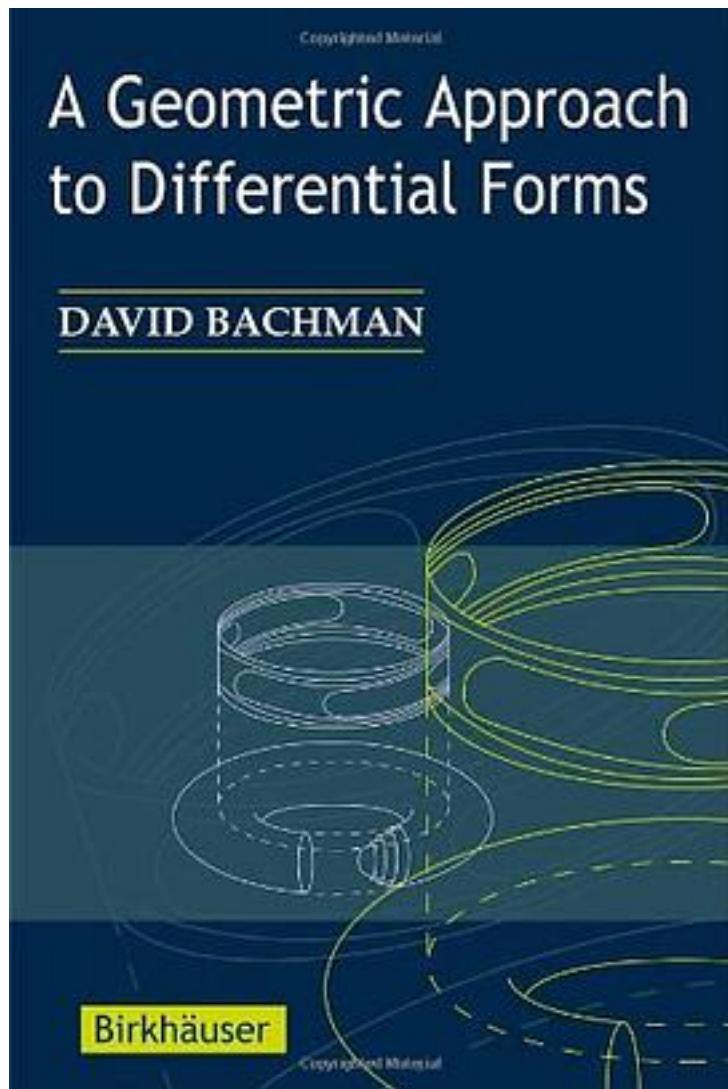


A Geometric Approach to Differential Forms



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This text presents differential forms from a geometric perspective accessible at the undergraduate level. It begins with basic concepts such as partial differentiation and multiple integration and gently develops the entire machinery of differential forms. The subject is approached with the idea that complex concepts can be built up by analogy from simpler cases, which, being inherently geometric, often can be best understood visually. Each new concept is presented with a natural picture that students can easily grasp. Algebraic properties then follow. The book contains excellent motivation, numerous illustrations and solutions to selected problems.

作者介绍:

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标签

数学

数学分析

Math

评论

非常有意思的一本书！所有都有图，可视化的极致。这里你可以学到东西。
这本书讲到了我的一个困惑，就是为什么被积函数在微积分一和多元微积分二中有那么大的不同

写得这么简单，看得懂又有神马用嘛--

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书评

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