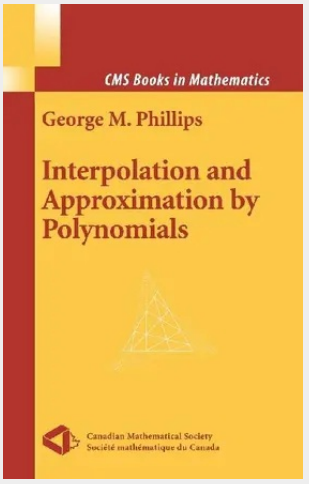
Phillips

Interpolation and Approximation by Polynomials

This book is intended as a course in numerical analysis and approximation theory for advanced undergraduate students or graduate students, and as a reference work for those who lecture or research in this area. Its title pays homage to Interpolation and Approximation by Philip J. Davis, published in 1963 by Blaisdell and reprinted by Dover in 1976. My book is less g- eral than Philip Davis's much respected classic, as the quali? cation "by polynomials" in its title suggests, and it is pitched at a less advanced level. I believe that no one book can fully cover all the material that could appearinabookentitledInterpolation and Approximation by Polynomials. Nevertheless, I have tried to cover most of the main topics. I hope that my readers will share my enthusiasm for this exciting and fascinating area of mathematics, and that, by working through this book, some will be encouraged to read more widely and pursue research in the subject. Since my book is concerned with polynomials, it is written in the language of classical analysis and the only prerequisites are introductory courses in analysis and linear algebra.

This book is aimed at advanced undergraduate students and graduate students and is intended for a course in numerical analysis and approximation theory. The author covers topics such as multivariate interpolation, Peano kernel theory, and the applications of q-integers to approximation theory, the latter of which have never been fully examined in book form before.



53,49 €
49,99 € (zzgl. MwSt.)

Nicht mehr lieferbar

Artikelnummer: 9780387002156
Medium: Buch
ISBN: 978-0-387-00215-6
Verlag: Springer
Erscheinungstermin: 08.04.2003
Sprache(n): Englisch
Auflage: 2003. Auflage 2003
Serie: CMS Books in Mathematics
Produktform: Gebunden
Gewicht: 609 g
Seiten: 312
Format (B x H): 162 x 240 mm