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George A. Anastassiou

Nonlinearity: Ordinary and Fractional Approximations by Sublinear and Max-Product Operators

This book focuses on approximations under the presence of ordinary and fractional smoothness, presenting both the univariate and multivariate cases. It also explores approximations under convexity and a new trend in approximation theory – approximation by sublinear operators with applications to max-product operators, which are nonlinear and rational providing very fast and flexible approximations. The results presented have applications in numerous areas of pure and applied mathematics, especially in approximation theory and numerical analysis in both ordinary and fractional senses. As such this book is suitable for researchers, graduate students, and seminars of the above disciplines, and is a must for all science and engineering libraries.

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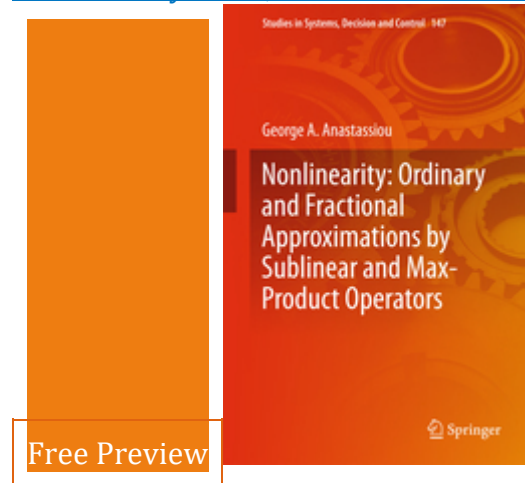
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Authors: **Anastassiou**, George A.

- Focuses on approximations under the presence of ordinary and fractional smoothness

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