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Nota di contenuto	Front matter -- Contents -- Chapter 1. Kernel functionals and modular spaces -- Chapter 2. Absolutely continuous modulars and moduli of continuity -- Chapter 3. Approximation by convolution type operators -- Chapter 4. Urysohn integral operators with homogeneous kernel functions. Applications to nonlinear Mellin-type convolution operators -- Chapter 5. Summability methods by convolution-type operators -- Chapter 6. Nonlinear integral operators in the space BV -- Chapter 7. Application to nonlinear integral equations -- Chapter 8. Uniform approximation by sampling type operators. Applications in signal analysis -- Chapter 9. Modular approximation by sampling type operators -- Back matter
Sommario/riassunto	In 1903 Fredholm published his famous paper on integral equations. Since then linear integral operators have become an important tool in many areas, including the theory of Fourier series and Fourier integrals, approximation theory and summability theory, and the theory of integral and differential equations. As regards the latter, applications were soon extended beyond linear operators. In approximation theory, however, applications were limited to linear operators mainly by the

fact that the notion of singularity of an integral operator was closely connected with its linearity. This book rep
