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Example II. The Duals of the Spaces Lp(?) (1 = p < + 8)Chapter 21. Radon Measures. Distributions; Radon Measures in an Open Subset ? of Rn; Distributions in an Open Subset of Rn; Chapter 22. More Duals: Polynomials and Formal Power Series. Analytic Functionals; Polynomials and Formal Power Series; Analytic Functionals in an Open Subset ? of Cn; Chapter 23. Transpose of a Continuous Linear Map; Example I. Injections of Duals; Example II. Restrictions and Extensions; Example III. Differential Operators; Chapter 24. Support and Structure of a Distribution
Distributions with Support at the OriginChapter 25.Example of Transpose: Fourier Transformation of Tempered Distributions; Chapter 26. Convolution of Functions; Chapter 27. Example of Transpose: Convolution of Distributions; Chapter 28. Approximation of Distributions by Cutting and Regularizing; Chapter 29. Fourier Transforms of Distributions with Compact Support The Paley-Wiener Theorem; Chapter 30. Fourier Transforms of Convolutions and Multiplications; Chapter 31. The Sobolev Spaces; Chapter 32. Equicontinuous Sets of Linear Mappings
Chapter 33. Barreled Spaces. The Banach-Steinhaus Theorem

Sommario/riassunto

Topological vector spaces, distributions and kernels