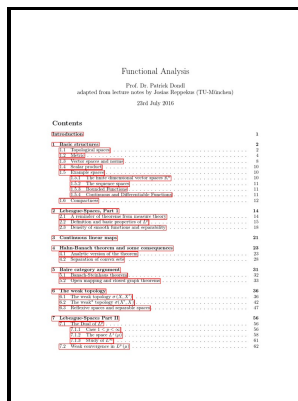


# Analysis III - spaces of differentiable functions

Springer-Verlag - Analysis III: Spaces of Differentiable Functions: Encyclopedia of Mathematical Sciences: Vol. 26 by S. M. Nikolskii



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Description: -

- Asymptotic expansions.

Integral transforms.

Integral representations.

Operational calculus. Analysis III - spaces of differentiable functions

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of differentiable functions

Notes: Translation of Analiz 3, published as part of the series Itogi

nauki i tekhniki. Seriya sovremennye problemy matematiki.

Fundamentalnye napravleniya.

This edition was published in 1991



Filesize: 65.26 MB

Tags: #ANALYSIS #III: #SPACES #OF #DIFFERENTIABLE #FUNCTIONS: #By #S. #M. #Nikol'skii #\*\*\*Mint\*\*

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## functional analysis

A large number of results obtained in the past 30 years are included. All the definitions and formulations of the main theorems which are necessary to understand the modern literature on spaces of differentiable functions can be found in this volume.

## real analysis

But the existence of continuous partials does. This leads us to the following result. The theory of spaces of differentiable functions in several variables is treated in detail in this volume.

## 6.3: Differentiable Functions

The authors undertake to present the historical development of the theory of imbedding of function spaces, as well as the current state of the art in the field. Thus, the Part does not constitute a survey of all contemporary questions in the theory of imbedding of function spaces.

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