

Kufner, Alois

Weighted Sobolev spaces. Licensed ed. (English) Zbl 0567.46009

A Wiley-Interscience Publication. Chichester etc.: John Wiley & Sons. 116 p. £15.00 (1985).

This new edition differs from the previous one (1980; [Zbl 0455.46034](#)) by a new section in chapter 9, some changes in chap. 11 and a very useful list of embeddings occurring in the book together with conditions under which these embeddings hold.

Reviewer: [J.Lorenz](#)

MSC:

- [46E35](#) Sobolev spaces and other spaces of “smooth” functions, embedding theorems, trace theorems
- [35J25](#) Boundary value problems for second-order elliptic equations
- [46-01](#) Introductory exposition (textbooks, tutorial papers, etc.) pertaining to functional analysis
- [35J40](#) Boundary value problems for higher-order elliptic equations

Cited in **5** Reviews
Cited in **164** Documents

Keywords:

[introductory survey on Sobolev spaces with weights](#); [boundary value problems with singularities](#); [unbounded domains](#); [domains with irregular boundary](#); [power type weights](#); [general weights](#)