technical proofs of embedding theorems might have been referenced rather than proved.

Each chapter ends with bibliographical comments. As some sections of the book closely follow the original papers these comments should have pointed out exactly who proved what, but often fail to do so.

There are the usual wealth of misprints and a few errors. For example, on page 3 a result of Browder is "proved". However, as soon as they deviate from Browder's correct proof they say "Since a normed linear space is separable if and only if its dual is, (Dunford and Schwartz p. 65) . . . ", which is false. The cited reference states the correct version. The proof on page 16 contains a slip (misprint?) and on page 281 it is stated that the truncation of a function in the Sobolev space $W^{m,p}$ also lies in the space: this holds only if $m = 1$ (or 0).

The book contains much material previously unavailable in book form. Some of the subjects are far from closed and developments have occurred since the book's publication. The book can well be read by someone who wishes to "get into" this subject. Whether it can be used in university courses, as the authors hope, is less clear.

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*Differentiation of real functions*, by Andrew M. Bruckner, Lecture Notes in Math., vol. 659, Springer-Verlag, Berlin and New York, 1978, x + 246 pp., $12.00.

For most of us, the extent of our knowledge of the differentiation theory of real functions is quite limited. The standard information may be classified as follows:

(i) Derivatives share some of the properties of continuous functions, e.g., they have the intermediate value (Darboux) property.