6 Literature

- Classical FEM texts: [2, 4]
- More modern text books: [6, 3]
- FEM directed at engineers (there are many more): [7]
- Elliptic problems, Sobolev spaces: [5, 1]

References

[1] R. Adams, *Sobolev Spaces*, Academic press, New York, San Francisco, London, 1979.

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[3] S. C. Brenner and L. R. Scott, *The Mathematical Theory of Finite Element Methods*, no. 15 in Texts in Applied Mathematics, Springer-Verlag, New York, 1994.

[4] P. G. Ciarlet, *The Finite Element Method for Elliptic Problems*, North-Holland, Amsterdam, 1978.

[5] P. Grisvard, *Elliptic Problems in Nonsmooth Domains*, Pitman Publishing Inc., Boston, 1985.

[6] M. Křižek and P. Neittaanmäki, *Finite Element Approximation of Variational Problems and Applications*, no. 50 in Pitman Monographs and Surveys in Pure and Applied Mathematics, Longman Scientific & Technical, Harlow, England, 1990.

[7] B. Szabó and I. Babuška, *Finite Element Analysis*, Wiley, New York, 1991.