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"numerical analysis" title in a later edition [171]. The origins of the part of mathematics we now call analysis were all numerical, so for millennia the name "numerical analysis" would have been redundant. But analysis later developed conceptual (non-numerical) paradigms, and it became useful to specify the different areas by names. There are many areas of analysis in addition to numerical, including com-

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Introduction to Numerical Analysis, Second Edition (Dover)

Theoretical Numerical Analysis: A Functional Analysis Framework. K. Atkinson, W. Han The first two are Dover books, so the price is great, the last two are lots of dough. I do not have the last one, but it looks worthwhile checking out.

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