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Today, there are many famous numerical analysts such as Leonid Kantorovich

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Berkeley (Math 128A). I would not recommend
this text to any undergrad or student who has
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is much too terse (imitating Rudin, but poorly)
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Structural analysis - Wikipedia

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Stencil (numerical analysis) — the geometric arrangements of grid points affected by a basic step of the algorithm Compact stencil — stencil which only uses a few grid points, usually only the immediate and diagonal neighbours Higher-order compact finite difference scheme; Non-compact stencil — any stencil that is not compact

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