

Sinc Methods for Quadrature and Differential Equations

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This mathematical volume is devoted to the Sinc-Galerkin method for solving time-dependent partial differential equations, and is offered as a more elementary version of material which is currently found in the literature. Information provided by SIAM indicates that "engineers may find sinc methods a very competitive approach to the more common boundary element or finite element methods." It is also suggested that "workers in the signal processing community may find this particular approach a refreshingly different view of the use of sinc functions."