Improved formulations for higher order absorbing boundary conditions

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Abstract:

New formulations for higher order ABCs are introduced. Third and fourth order ABCs are reduced to first and second order derivatives with each one having one additional integral term. Considerable reductions in computer storage and computational time are achieved. **Published in:** Electronics Letters (Volume: 33, Issue: 7, 27 Mar 1997) **Page(s):** 568 - 570 **Date of Publication:** 27 Mar 1997 **Print ISSN:** 0013-5194 **INSPEC Accession Number:** 5554465 **DOI:** 10.1049/el:19970372 **Publisher:** IET **Sponsored by:** Institution of Engineering and Technology

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