

Refereed Journal Papers

- Discrete Petrov-Galerkin scheme for boundary value differential and integral problems: Theory and Application, Math. Comp. and Model., 40 (2004), 1323–1334, (with M. Ganesh and R. Grigorieff)
- A Petrov- Galerkin method with quadrature for elliptic boundary value problems, IMA, J. Numer. Anal., 24 (2004), 157-177, (with B. Bialecki and M. Ganesh)
- A diffusion-modified quadrature FEM for non-linear reaction diffusion equations, Aust. NZ. Indus. Appl. Math. (ANZIAM) J., 45 (2004), 486-503, (with M. Ganesh)
- A Crank–Nicolson and ADI Galerkin method with quadrature for hyperbolic problems, Numer. Meth. PDEs., 21 (2005), 57-79, (with M. Ganesh)
- A Crank–Nicolson Petrov-Galerkin method with quadrature for semilinear parabolic problems, Numer. Meth. PDEs., 21 (2005), 918-937, (with B. Bialecki and M. Ganesh)
- A Petrov-Galerkin method with quadrature for semilinear second-order hyperbolic problems, Numer. Meth. PDEs., 22 (2006) 1052-1069, (B. Bialecki and M. Ganesh)
- second-order accurate numerical method for a fractional wave equation, Numer. Math., To appear (with W. Mclean)
- A quadrature finite element method for semi-linear second order hyperbolic problems, submitted (with H. Mustapha)
- A fully discrete H^1 -Galerkin method with quadrature for nonlinear parabolic equations problems, Numerical Algorithm, To appear (with M. Ganesh)

Refereed Conference Proceedings

- A fully discrete ADI method for a class of hyperbolic problems in three dimensions, Third International Workshop on Scientific Computing and Applications (SCA03) conference proceedings, (2003) 159-170, (with M. Ganesh)