

Tunc Geveci
Some Publications

1. On differentiability of minimal surfaces at a boundary point, Proc. Am. Math. Soc. 28 (1971), 213 - 218.
2. Fields due to electrons on an analytic curve (with J. Korevaar), SIAM J. Math. Anal. 2 (1971), 445 - 453.
3. A quasilinear elliptic boundary value problem, METU J. Pure Appl. Sci. 7 (1974), 245 - 253.
4. A variational inequality relevant to plasticity, METU J. Pure Appl. Sci. 8 (1975), 1 - 7.
5. On the approximation of the solution of an optimal control problem governed by an elliptic equation, RAIRO Anal. Num. 13 (1979), 313 - 328.
6. Extensions of Linear-Quadratic Control Theory (with D. H. Jacobson, D. H. Martin and M. Pachter), Lecture Notes in Control and Information Sciences v. 27, Springer-Verlag, 1980.
7. Boundary controllability of hyperbolic partial differential equations, SIAM J. Control Opt. 19 (1981), 359 - 367.
8. Local energy decay of solutions of linearized shallow water equations (with B. Kok), Mat. Meth. Appl. Sci. 3 (1981), 318 - 327.
9. The significance of the stability of difference schemes in different l^p -spaces, SIAM Rev. 24 (1982), 413 - 426.
10. Some types of partial differential equations and associated well-posed problems, Num. Sol. Partial Diff. Eq. (Ed. D. P. Laurie), (1983), 13 - 51.
11. Convergence of discretization methods, Num. sol. Partial Diff. Eq. (Ed. D. P. Laurie), (1983), 76 - 133.
12. Comment on the energy variation method (with H. Miller), Chem. Phys. Letters 100 (1983), 115 - 116.
13. On the convergence of Galerkin approximation schemes for second-order hyperbolic equations in energy and negative norms, Math. Comp. 42 (1984), 393 - 415.
14. The convergence of Galerkin approximation schemes for second-order hyperbolic equations with dissipation (with B. Kok), Math. Comp. 44 (1985), 379 - 390.
15. Galerkin methods for the time dependent incompressible elasticity equations (with B. Kok), J. Comp. Appl. Math. 18 (1987), 53 - 69.
16. On the discretization of Navier-Stokes equations, Proc. Int. Symp. Num. Anal. (1987), 15 - 35.

17. On the application of mixed finite element methods to the wave equation, *Math. Model. & Num. Anal.* 22 (1988), 243 - 250.
18. On the approximation of the spectrum of the Stokes operator (with B. D. Reddy and H. T. Pearce), *Math. Model. & Num. Anal.* 23 (1989), 129 - 136.
19. The convergence of a Galerkin approximation scheme for an extensible beam (with I. Christie), *Math. Model. & Num. Anal.* 23 (1989), 597 - 613.
20. On the convergence of a time-discretization scheme for the Navier-Stokes equations, *Math. Comp.* 53 (1989), 43 - 53.
21. On the rate of convergence of the Fourier spectral method for Navier-Stokes equations, *Calcolo* 26 (1989), 185 - 195.
22. Numerical experiments with a nonlinear evolution equation which exhibits blow-up (with K. Stewart), *Appl. Num. Math.* 10 (1992), 139 - 147