

# Relja Vulcanović's Numerical Analysis Research Publications

October 31, 2023

1. D. Herceg & R. Vulcanović (1981). Some finite-difference schemes for a singular perturbation problem on a non-uniform mesh, *Univ. u Novom Sadu, Zb. Rad. Prirod.-Mat. Fak., Ser. Mat.* 11, 117–134.
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14. R. Vulcanović (1988). On a numerical solution of a power layer problem, *Proc. III. Conference on Numerical Methods and Approximation Theory* (G. V. Milovanović, ed.), University of Niš, 423–431.
15. R. Vulcanović (1988). Higher order monotone schemes for a nonlinear singular perturbation problem, *Proc. GAMM Annual Congress, Schtuttgart, Z. Angew. Math. Mech.* 68, T428–T430.
16. R. Vulcanović (1988). On numerical solution of some quasilinear turning point problems, *Proc. BAIL V.* (Guo Ben-yu, J.J.H. Miller & Shi Zhong-ci, eds.), Boole Press, Dublin, 368–373.
17. R. Vulcanović (1989). On numerical solution of a turning point problem, *Univ. u Novom Sadu, Zb. Rad. Prirod.-Mat. Fak., Ser. Mat.* 19(1), 11–24.

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23. R. Vulcanović (1989). Quasilinear singular perturbation problems and the uniform  $L_1$ -convergence, *Proc. GAMM Annual Congress, Z. Angew. Math. Mech.* 69, T130–T132.
24. R. Vulcanović (1989). Finite-difference schemes for quadratic and super-quadratic singular perturbation problems, *Proc. International Seminar on Discretization Methods in Singular Perturbations and Flow Problems* (L. Tobiska, ed.), Technical University Magdeburg, 89–96.
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