

List of Publications of Avtanti Gachechiladze

1. A maximum principle and the implicit Signorini problem. *Mem. Differential Equations Math. Phys.* **23** (2001), 17-50.
2. * Boundary Variational Inequality Approach in the Anisotropic Elasticity for the Signorini Problem. *Georgian Math. J.* **8** (2001), No. 3, 469-492 (with D. Natroshvili).
3. An implicit Signorini problem in the theory of elasticity. *Bull. Georgian Acad. Sci.* **157** (1998), No. 2, 192-196.
4. A maximum principle in Signorini problems. *Bull. Georgian Acad. Sci.* **164** (2001), No. 3, 436-439.
5. About generalization of one quasi-variational inequality, *Bull. Georgian Acad. Sci.* **167** (2003), No. 3, 394-397.
6. * On the uniqueness of some quasi-variational inequalities in control theory. *Georgian Math. J.* **11** (2004), No. 2, 229-242.
7. On the method of monotonicity in problems with an implicit obstacle. *Proc. A. Razmadze Math. Inst.* **135** (2004), 61-72.
8. *Transmission problems in the theory of elastic Hemitropic materials, *Applicable Analysis* 86: 12, (2007) 1463-1508 (with R. Gachechiladze, D. Natroshvili, I. Stratis).
9. The unilateral contact of two elastic Hemitropic media, *Mem. Differential Equations, Math. Phys.* 48 (2009) (with R. Gachechiladze, D. Natroshvili) (to appear).
10. * Unilateral contact problems with friction for Hemitropic elastic solids, *Georgian Math. J.* (with R. Gachechiladze, D. Natroshvili) (to appear)

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