

**Wenge Hao, Salvatore Leonardi**

*Examples of discontinuous, divergence-free solutions to elliptic variational problems*

Comment.Math.Univ.Carolinae 36,3 (1995) 511-517.

**Abstract:** We give an example of a bounded discontinuous divergence-free solution of a linear elliptic system with measurable bounded coefficients in  $\mathbb{R}^3$  and a corresponding example for a Stokes-like system.

**Keywords:** divergence-free solutions, elliptic systems, systems of Stokes-type, regularity

**AMS Subject Classification:** 35B65, 35D10, 35J45, 35Q