

**Alessandro FONDA**

**University of Trieste**

***Title:** Lower and upper solutions for systems.*

***Abstract:** We introduce a notion of lower and upper solutions for planar systems which generalizes the classical one for scalar second order equations. We thus obtain the existence of bounded or periodic solutions, and we are also able to deal with separated boundary conditions, both in the well-ordered and in the non-well-ordered cases. Higher finite-dimensional, and even infinite-dimensional systems can also be treated.*

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