## Existence results for weak efficient solutions of vector optimization problems via scalarization

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## Abstract

The aim of the talk is to show some recent existence results for weak efficient solutions of vector optimization problems in several settings, which cover the coercive, noncoercive and Weierstrass cases. They are obtained by considering the concept of colevel set and a scalarization approach based on a version of the so-called Gerstewitz functional.

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