

## Exact solutions of infinite-dimensional total variation regularized problems.

$\ell_1$ -minimization is a very popular method for reconstruction of sparse vectors  $x \in \mathbb{R}^n$ . Since a few years back, researchers have begun studying the problem of  $TV$ -norm minimization for recovering measures also on continuous domains. In this talk, we will discuss a result on the structure of solutions of such problems, as well as a method for solving them numerically.

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