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A new alternating minimization algorithm for total variation image reconstruction. (English)

Zbl 1187.68665

SIAM J. Imaging Sci. 1, No. 3, 248-272 (2008).

MSC:

68U10 Computing methodologies for image processing

94A08 Image processing (compression, reconstruction, etc.) in information and communication theory

65J22 Numerical solution to inverse problems in abstract spaces

65K10 Numerical optimization and variational techniques

65T50 Numerical methods for discrete and fast Fourier transforms

90C25 Convex programming

Cited in **6** Reviews

Cited in **224** Documents

Keywords:

half-quadratic; image deblurring; isotropic total variation; fast Fourier transform

Software:

RecPF; FTVd; ForWaRD

Full Text: [DOI](#)