

CONTENTS

Luigi AMBROSIO, Maria COLOMBO and Simone DI MARINO — Sobolev spaces in metric measure spaces: reflexivity and lower semicontinuity of slope	1
Yann BRENIER — Optimal transportation of particles, fluids and currents	59
Antonin CHAMBOLLE and Matteo NOVAGA — Existence and unique- ness for planar anisotropic and crystalline curvature flow	87
Wilfrid GANGBO — A variational problem involving a polyconvex integrand	115
Patrick GUIDOTTI — Anisotropic diffusions of image processing from Perona–Malik on	131
Robert L. JERRARD — Dynamics of topological defects in nonlinear field theories	157
Piotr Bogusław MUCHA and Piotr RYBKA — Models of a sudden directional diffusion	225
Michele MIRANDA, Matteo NOVAGA and Diego PALLARA — An introduction to BV functions in Wiener spaces	245