

MINI-WORKSHOP ANNOUNCEMENT
Department of Statistics

Estimating Deformations of Isotropic Random Fields

by

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ABSTRACT

Deformations of stationary random fields are a popular method for modeling non-stationary random fields. Through the use of deformations generated by vector fields, we propose to estimate these deformations using an iterative approach to climbing the likelihood in deformation space. Several different forms of this iterative procedure will be discussed with an eye toward fixed domain asymptotic consistency.