Graduate Statistics Seminar

Gibbs Models for Identification of Image Boundaries

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Abstract: I will introduce the problem of identifying boundaries in images observed with random noise. I will present a Gibbs model solution, which combines elements of machine learning and Bayesian statistics. I have produced a proof that the proposed model converges at the minimax rate, and I show through simulations the competitive performance of the Gibbs model. If there is sufficient interest, I may share the details of the proof at a later date.

Tuesday, February 16 at 4:00 PM in SEO 636