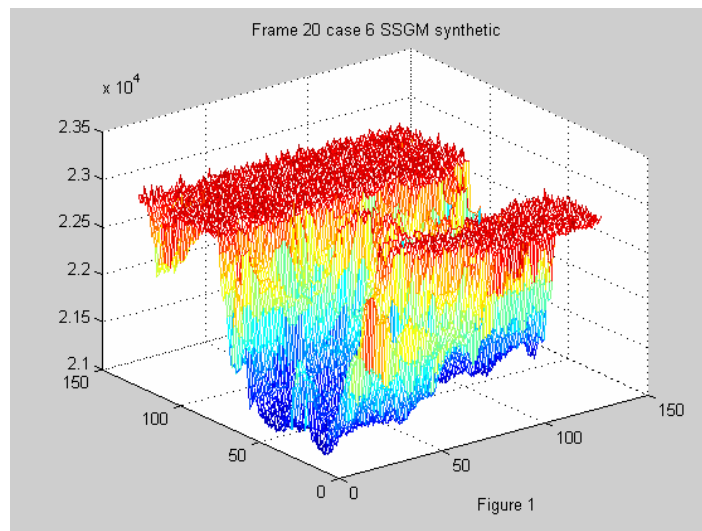
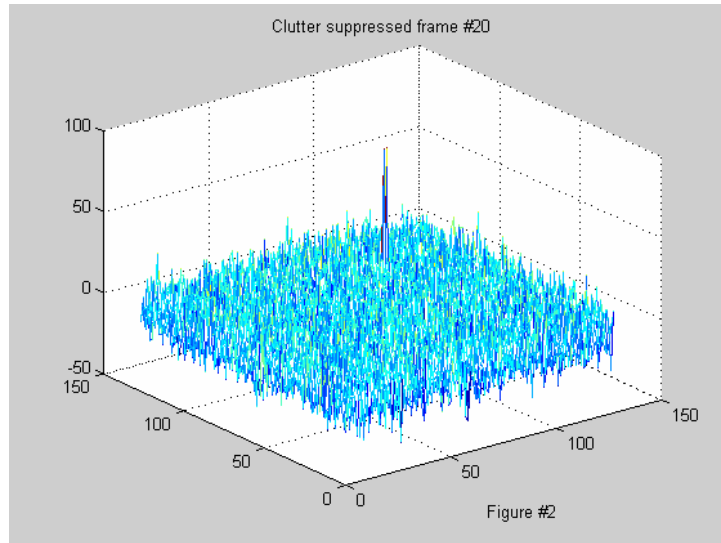


An Application of the Bayesian Methodology Real Time Infrared Target Detection

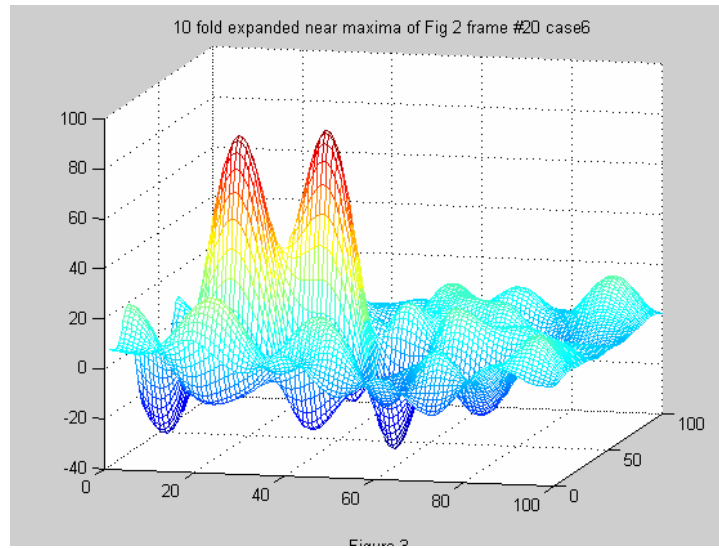
- Two Closely Spaced IR Targets in Extreme Clutter / Background
 - Range—100 Kilometers
 - Size—1 m³
- 1st Bayesian Application—Background Suppression
- 2nd Bayesian Application—Discern Location and Number of Targets
- 3rd Bayesian Application—Discern Character of Targets (Classified)



Raw Infrared Emission Data



1st Application Clutter Suppression



2nd Application Bayesian Resolved Scene
Two Targets Shown In Red