Beyond the Kalman Filter
Particle Filters for Tracking Applications
Branko Ristic, Sanjeev Arulampalam, Neil Gordon

Navtech Part #1141

Contents:

Part I - Theoretical Concepts.


Part II - Tracking Applications.

Tracking a Ballistic Object.

Bearings-Only Tracking.

Range-Only Tracking.

Bistatic Radar Tracking.

Tracking Targets Through Blind Doppler.

Terrain Aided Tracking.

Detection and Tracking of Stealthy Targets.

Group and Extended Object Tracking.