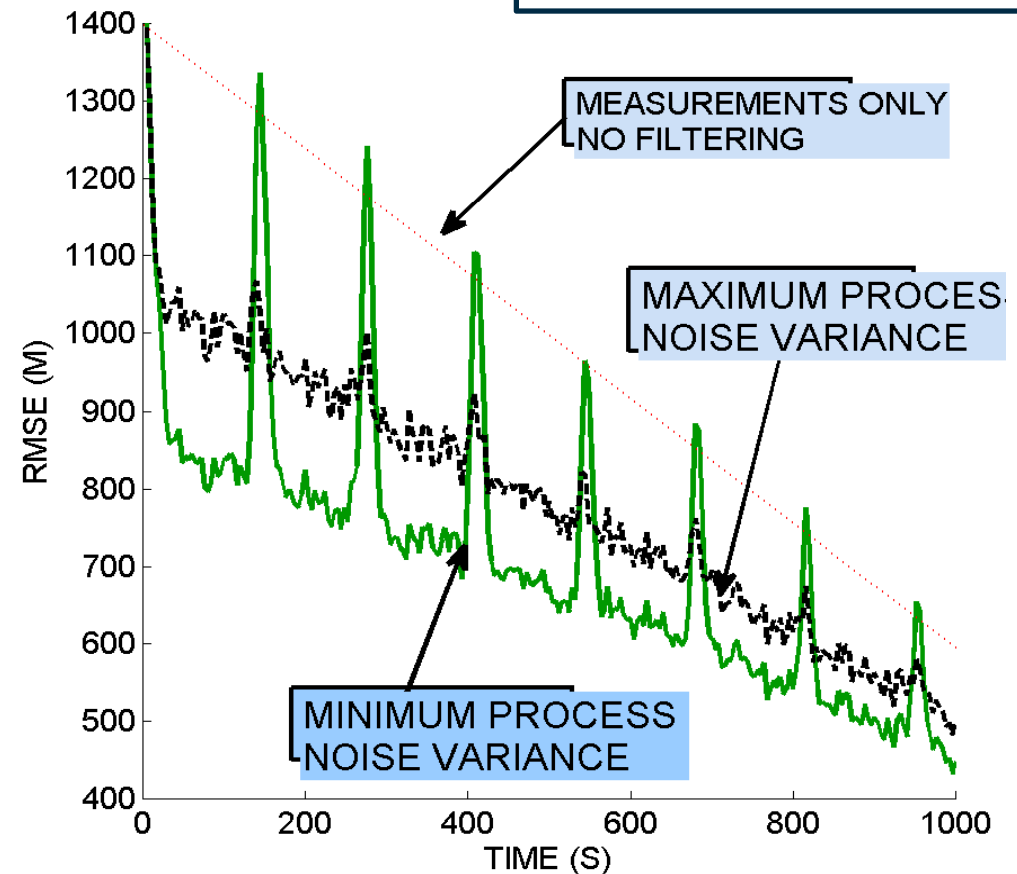


Design of Nearly Constant Velocity Filters for Radar Tracking of Maneuvering Targets

William Dale Blair
Georgia Tech Research Institute

Session: C1L-C

Paper presents a systematic method for selecting your process noise covariance for your track filter.



Target maneuvers every 120 s with 30 m/s^2 through 90° turns from range of 400 km to 170 km.