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Session 1A Paper 1

Schofield, Jacob: University of Texas at Austin, Applied Research Laboratories

Rainwater, David:

Method and Validation for Determining Hooke TID Parameters from GNSS Data

We present a method for determining medium-scale Hooke TID parameters from observational GNSS phase and/or TEC data, including TID amplitude and phase at a reference location. We validate the algorithm using simulated GNSS data, and present an analysis of geometric effects as a source of error in TID phase and amplitude.