



Sequential method of satellite navigation systems measurement integration

Adam Wolski (1) and Andrzej Banachowicz (2)

(1) Maritime University of Szczecin (Poland), (a.wolski@am.szczecin.pl, 0048-91-4809435), (2) West Pomeranian University of Technology in Szczecin (Poland)

The sequential method of integrating navigational parameters obtained from non-simultaneous navigational measurements is presented. The proposed algorithm of position coordinates estimation is general and includes two modes of data processing – from simultaneous and non-simultaneous measurements. It can be used in hybrid receivers of radionavigation systems integrating non-homogenous position lines or in integrated navigation systems, particularly in receivers combining the measurements of various satellite navigation systems.