

Extended fractional singular Kalman filter

Nosrati, Komeil; Belikov, Juri; Teplyakov, Aleksei; Petlenkov, Eduard Applied mathematics and computation 2023 / art. 127950, 15 p. : ill <https://doi.org/10.1016/j.amc.2023.127950> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Modelling of a two-phase vortex-ring flow using an analytical solution for the carrier phase

Rybdylova, O.; Sazhin, S.S.; Osipov, A.N.; **Kaplanski, Felix**; Begg, S.; Heikal, M. Applied mathematics and computation 2018 / 11 p. : ill <https://doi.org/10.1016/j.amc.2017.12.044> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Weak formulation based Haar wavelet method for solving differential equations

Majak, Jüri; Pohlak, Meelis; Eerme, Martin; Lepikult, Toomas Applied mathematics and computation 2009 / p. 488-494