

Embedded system implementation of digital fractional filter approximations for control applications

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FOPID controllers and their industrial applications: a survey of recent results

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Fractional-order digital filter approximation method for embedded control applications

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Model reference adaptive control scheme for retuning method-based fractional-order PID control with disturbance rejection applied to closed-loop control of a magnetic levitation system

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A numerical study for plant-independent evaluation of fractional-order PID controller performance

Alagoz, Baris Baykant; **Tepljakov, Aleksei;** Yeroglu, Celaledin; Gonzalez, Emmanuel A.; Hossein Nia, S. Hassan; **Petlenkov, Eduard** IFAC-PapersOnLine 2018 / p. 539-544 : ill <https://doi.org/10.1016/j.ifacol.2018.06.151> [Conference proceedings at Scopus](#)

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Towards industrialization of FOPID controllers : a survey on milestones of fractional-order control and pathways for future developments

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