

**Computation of nonlinear eigenvalues based on the Ore determinant : preliminary results**

Halás, Miroslav; **Kaldmäe, Arvo**; **Kotta, Ülle**; Slacka, Juraj Proceedings of the Estonian Academy of Sciences 2024 / p. 366 - 378  
<https://doi.org/10.3176/proc.2024.4.06> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Effective algebraic analysis approach to linear systems over Ore algebras**

Cluzeau, T.; Koutschan, C.; Quadrat, A.; **Tönso, Maris** Algebraic and symbolic computation methods in dynamical systems 2020 / p. 3-52 [https://doi.org/10.1007/978-3-030-38356-5\\_1](https://doi.org/10.1007/978-3-030-38356-5_1)

**On the properties of forward and backward shifts of vector fields**

**Kaldmäe, Arvo**; **Kaparin, Vadim**; **Kotta, Ülle**; **Mullari, Tanel**; Pawluszewicz, Ewa Proceedings of the Estonian Academy of Sciences 2022 / p. 314-325 <https://doi.org/10.3176/proc.2022.4.02> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Retrofitting fractional-order dynamics to an existing feedback control system : from classical proportional-integral (PI) control to fractional-order proportional-derivative (FOPD) control**

Gonzalez, Emmanuel A.; **Tepljakov, Aleksei**; Monje, Concepcion A.; Petráš, Ivo International research journal on innovations in engineering, science and technology 2017 / 6 p [https://www.researchgate.net/publication/325989325\\_Retrofitting\\_Fractional-Order\\_Dynamics\\_to\\_an\\_Existing\\_Feedback\\_Control\\_System\\_From\\_Classical\\_Proportional-Integral\\_PI\\_Control\\_to\\_Fractional-Order\\_Proportional-Derivative\\_FOPD\\_Control](https://www.researchgate.net/publication/325989325_Retrofitting_Fractional-Order_Dynamics_to_an_Existing_Feedback_Control_System_From_Classical_Proportional-Integral_PI_Control_to_Fractional-Order_Proportional-Derivative_FOPD_Control)