

7. Významné publikace autora z oblasti algoritmů pro polynomiální metody

Kapitoly v zahraničních knihách

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2. **M. Sebek:** n-D polynomial equations. In *Polynomial Methods in Optimal Control and Filtering* (K. J. Hunt, ed.), ch. 7, pp. 184-209, London: Peter Peregrinus, Ltd., 1993.
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4. **J. Jezek and M. Sebek:** Two-sided polynomial equations in 2-D for control in space-time systems. In *Mathematical Theory of Networks and Systems*. (A. Beghi, L. Sinesso and G. Picci, eds), pp. 221-224, Il Poligrafo Padova, It.

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8. **K. J. Hunt, M. Sebek, and M. Grimble:** Optimal multivariable LQG control using a single Diophantine equation. *International Journal of Control*, vol. 46, no. 4, pp. 1445-1453, 1987.
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13. **K. J. Hunt, V. Kucera, and M. Sebek:** Optimal regulation using measurement feedback: A polynomial approach. *IEEE Transactions on Automatic Control*, vol. AC-37, pp. 682-685, May 1992.
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16. **H. Kwakernaak and M. Sebek:** Polynomial J-spectral factorization. *IEEE Transactions on Automatic Control*, vol. AC-39, pp. 315-328, Feb. 1994.

17. **D. Henrion and M. Sebek:** Symmetric matrix polynomial equation: Interpolation results. *Automatica (IFAC)*, Vol. 34, No. 7, pp. 811-824, 1998.
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27. **T. Soderstrom, M. Sebek, J. Jezek, V. Kucera and D. Henrion:** An Evaluation of Algorithms for Computing the Covariance Function of a Multivariable ARMA Process. *European Journal of Control*, Vol 8, No 4, 2002.
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