

Publications

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1 Books, monographs, textbooks, collections of exercises, book chapters

- [1] C. Rusu, *Filtrari Adaptive si Modelarea Statistica a Semnalelor*. Cluj-Napoca: Risoprint, 2009.
- [2] C. Rusu, L. Grama, and J. Takala, *SPICE Simulation of Analog Filters: A Method for Designing Digital Filters*. Berlin / Heidelberg: Lecture Notes in Computer Science, Springer, 2009, vol. 5717, pp. 534–539.
- [3] C. Rusu and L. Grama, *Lecture Notes in Digital Signal Processing*. Cluj-Napoca: Risoprint, 2009.
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- [5] L. Grama and C. Rusu, *Prelucrarea Numerica a Semnalelor - Aplicatii si Probleme*. Cluj-Napoca: U.T.Press, 2008.
- [6] R. Bilcu and C. Rusu, *Prelucrarea Numerica a Semnalelor - Indrumator de Laborator*, 2nd ed. Cluj-Napoca: Risoprint, 2004.
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2 Articles in signal processing journals

- [1] M. V. Ghiurcau, C. Rusu, R. C. Bilcu, and J. Astola, "Audio based solutions for detecting intruders in wild areas," *Signal Processing*, vol. 92, no. 3, pp. 829–840, Mar. 2012.
- [2] C. Rusu and C. F. N. Cowan, "The exponentiated convex variable step-size (ECVSS) algorithm," *Signal Processing*, vol. 90, no. 9, p. 2784-2791, Sept. 2010.
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4 Papers in major signal processing and circuits conferences

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