

LISTĂ DE PUBLICAȚII (2000-2016)

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14. B.Dumitrescu - A Moulding Technique for the Design of 2-D Nearly Orthogonal Filter Banks, *IEEE Signal Processing Letters*, vol.17, no.3, pp.261-264, March 2010. (IF=1.639)
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Brevete

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1. B.Dumitrescu - Linear Programming and Mixed Integer Programming, in E. Serpedin, T. Chen, D. Rajan eds., *Mathematical Foundations for Signal Processing, Communications, and Networking*, CRC Press, pp.519-560, 2012.

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Contracte de cercetare (2000-2016)

1. Sparse representations and signal processing applications, grant IDEI 2011-2016 (Romania)

2. Convex optimization in signal processing, FiDiPro fellow grant 2010-2013 (Finland)
3. Positivity in the analysis and synthesis of multidimensional systems, grant IDEI 2007-2010 (Romania)