

Recent Publications

Yehoshua Y. Zeevi

BOOKS

1. R. Mammone and Y. Y. Zeevi (Ed's), "Neural Networks - Theory and Applications" Academic Press, 1991.
2. Y. Y. Zeevi and R. Coifman (Ed's), "Signal and Image Representation in Combined Spaces", Academic Press, 1998.
3. G. Sommer and Y.Y. Zeevi (Ed's), "Algebraic Frames for the Perception-Action Cycle", Lecture Notes in Computer Science #1888, Springer, Berlin, 2000.

ARTICLES

1. Y. Y. Zeevi and I. Gertner, "The Finite Zak Transform: An Efficient Tool for Image Representation and Analysis", *J. Visual Comm. and Image Represent.*, Vol. 3, 1992, pp. 13–23.
2. Y. Y. Zeevi and E. Shlomot, "Non-Uniform Sampling and Anti-Aliasing in Image Representation", *Trans. IEEE SP*, Vol. 41, 1993, pp. 1223–1236.
3. M. Zibulski and Y. Y. Zeevi "Oversampling in the Gabor Scheme", *Trans. IEEE Signal Processing*, Vol. 41, 1993, pp. 2679–2687.
4. J. Segman and Y. Y. Zeevi, "Image Analysis by Wavelet-Type Transform: Group Theoretic Approach", *J. Mathematical Imaging and Vision*, Vol. 3, March 1993, pp. 51–75.
5. J. Segman and Y. Y. Zeevi, "Spherical Wavelets and Their Applications to Image Representation", *J. Visual Comm. and Image Represent.*, Vol. 4, Sept. 1993, pp. 263–270.
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12. G. A. Geri and Y. Y. Zeevi, "Visual Assessment of variable-resolution Imagery", *J. Opt. Soc. Am A*, Vol. 12, No. 10, Oct. 1995, pp. 2367-2375
13. N. Peterfreund and Y. Y. Zeevi, "Nonuniform Image Representation in Area-of-Interest Systems", *Trans. IEEE Image Proc.*, Vol. 4, No. 9, Sept. 1995, pp. 1202-1212.
14. D. Stanhill and Y. Y. Zeevi, "Two-Dimensional Orthogonal Wavelets with Vanishing Moments", *Trans. IEEE Signal Processing*, Vol. 44, No. 9, October 1996, pp. 2579–2590.
15. G. A. Geri, D. R. Lyon, Y. Y. Zeevi, "Preattentive Equivalence of Multicomponent Gabor Textures in the Central and Peripheral Visual Field", *Vision Res.*, Vol. 35, No. 4, pp. 495–506, 1995.
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