**Real-world applications of artificial neural networks to cardiac monitoring using radar and recent theoretical developments**

* April 1997
* [Proceedings of SPIE - The International Society for Optical Engineering](https://www.researchgate.net/journal/Proceedings-of-SPIE-The-International-Society-for-Optical-Engineering-0277-786X?_tp=eyJjb250ZXh0Ijp7ImZpcnN0UGFnZSI6Il9kaXJlY3QiLCJwYWdlIjoicHVibGljYXRpb24iLCJwcmV2aW91c1BhZ2UiOiJfZGlyZWN0IiwicG9zaXRpb24iOiJwYWdlSGVhZGVyIn19)
* DOI:
* [10.1117/12.271483](http://dx.doi.org/10.1117/12.271483)
* [Mary Lou Padgett](https://www.researchgate.net/scientific-contributions/Mary-Lou-Padgett-8000222?_sg%5B0%5D=T1GB98ZCemm47q_BeigKAsFhGTHRGwcL6uR-IIXxj6CYl7OtopdguObRc3ZVlMeDpQ-y8EA.edg4ZyAsIsVEYN_E89m2mzK_HMzwxan0NenUlYfxXrC560yF41v9Youwm0tNQM0nMPZEVcn_risN6aSmwHylqQ&_sg%5B1%5D=Qns7_PoN60pJWqrtV2EwaYt0HM3kLwF3ctfjWZ1Vsvm2CkSZWj64t2V_U4piw8Sbzi_2Czo.akFtkodDVtSgWV2U39wzXYTmhb4YJc1Sx8dsTLCJfH5RzzTDUNGKtsGmJufpPMbLBdWx7xUmS30gKf8Fi0NRog)
* [John L. Johnson](https://www.researchgate.net/scientific-contributions/John-L-Johnson-2005403142?_sg%5B0%5D=T1GB98ZCemm47q_BeigKAsFhGTHRGwcL6uR-IIXxj6CYl7OtopdguObRc3ZVlMeDpQ-y8EA.edg4ZyAsIsVEYN_E89m2mzK_HMzwxan0NenUlYfxXrC560yF41v9Youwm0tNQM0nMPZEVcn_risN6aSmwHylqQ&_sg%5B1%5D=Qns7_PoN60pJWqrtV2EwaYt0HM3kLwF3ctfjWZ1Vsvm2CkSZWj64t2V_U4piw8Sbzi_2Czo.akFtkodDVtSgWV2U39wzXYTmhb4YJc1Sx8dsTLCJfH5RzzTDUNGKtsGmJufpPMbLBdWx7xUmS30gKf8Fi0NRog)
* [Rao V. Vemuri](https://www.researchgate.net/profile/Rao-Vemuri?_sg%5B0%5D=T1GB98ZCemm47q_BeigKAsFhGTHRGwcL6uR-IIXxj6CYl7OtopdguObRc3ZVlMeDpQ-y8EA.edg4ZyAsIsVEYN_E89m2mzK_HMzwxan0NenUlYfxXrC560yF41v9Youwm0tNQM0nMPZEVcn_risN6aSmwHylqQ&_sg%5B1%5D=Qns7_PoN60pJWqrtV2EwaYt0HM3kLwF3ctfjWZ1Vsvm2CkSZWj64t2V_U4piw8Sbzi_2Czo.akFtkodDVtSgWV2U39wzXYTmhb4YJc1Sx8dsTLCJfH5RzzTDUNGKtsGmJufpPMbLBdWx7xUmS30gKf8Fi0NRog)

[**Multimedia image coding using adaptive integer-to-integer wavelet transforms**](https://www.researchgate.net/publication/3863807_Multimedia_image_coding_using_adaptive_integer-to-integer_wavelet_transforms?_tp=eyJjb250ZXh0Ijp7ImZpcnN0UGFnZSI6Il9kaXJlY3QiLCJwYWdlIjoiX2RpcmVjdCJ9fQ)

[Conference Paper](https://www.researchgate.net/publication/3863807_Multimedia_image_coding_using_adaptive_integer-to-integer_wavelet_transforms?_tp=eyJjb250ZXh0Ijp7ImZpcnN0UGFnZSI6Il9kaXJlY3QiLCJwYWdlIjoiX2RpcmVjdCJ9fQ)

* February 2000

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[Conference Paper](https://www.researchgate.net/publication/3895590_Use_of_adaptive_integer-to-integer_wavelet_transforms_in_losslessimage_coding)

* June 2001

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[](https://www.researchgate.net/profile/Rao-Vemuri)

[Rao V. Vemuri](https://www.researchgate.net/profile/Rao-Vemuri)

[**Adaptive wavelet coding of multimedia images**](https://www.researchgate.net/publication/221573453_Adaptive_wavelet_coding_of_multimedia_images?_tp=eyJjb250ZXh0Ijp7ImZpcnN0UGFnZSI6Il9kaXJlY3QiLCJwYWdlIjoiX2RpcmVjdCJ9fQ)

[Conference Paper](https://www.researchgate.net/publication/221573453_Adaptive_wavelet_coding_of_multimedia_images)

* October 1999

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[](https://www.researchgate.net/profile/Rao-Vemuri)

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[**Information filtering via hill climbing, WordNet, and index patterns**](https://www.researchgate.net/publication/223204294_Information_filtering_via_hill_climbing_WordNet_and_index_patterns?_tp=eyJjb250ZXh0Ijp7ImZpcnN0UGFnZSI6Il9kaXJlY3QiLCJwYWdlIjoiX2RpcmVjdCJ9fQ)

[Article](https://www.researchgate.net/publication/223204294_Information_filtering_via_hill_climbing_WordNet_and_index_patterns?_tp=eyJjb250ZXh0Ijp7ImZpcnN0UGFnZSI6Il9kaXJlY3QiLCJwYWdlIjoiX2RpcmVjdCJ9fQ)

* September 1997

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[**Dynamic multimodal function optimization using genetic algorithms**](https://www.researchgate.net/publication/236522927_Dynamic_multimodal_function_optimization_using_genetic_algorithms?_tp=eyJjb250ZXh0Ijp7ImZpcnN0UGFnZSI6Il9kaXJlY3QiLCJwYWdlIjoiX2RpcmVjdCJ9fQ)

[Conference Paper](https://www.researchgate.net/publication/236522927_Dynamic_multimodal_function_optimization_using_genetic_algorithms?_tp=eyJjb250ZXh0Ijp7ImZpcnN0UGFnZSI6Il9kaXJlY3QiLCJwYWdlIjoiX2RpcmVjdCJ9fQ)

* July 1992

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[](https://www.researchgate.net/profile/Rao-Vemuri)

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