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**“Reduced Interference Time-Frequency Distributions: Scaled
Decompositions and Interpretations” Published
*Secrets of the RID Revealed***

(ANN ARBOR, MI) -- Quantum Signal is pleased to announce the publication of a new and exciting article in the area of Joint Time-Frequency Analysis (JTFA). Authored by Dr. William J. Williams, one of Quantum Signal's co-founders, the article serves as the twelfth chapter in the newly released reference *Wavelet Transforms & Time-Frequency Signal Analysis* (Birkhauser, ISBN: 0817641041, 2001). Dr. Williams stands in distinguished company: other chapter authors include Dr. Leon Cohen of Hunter College/CUNY and Dr. Boualem Boashash of the Queensland University of Technology, amongst others.

The chapter focuses on the Reduced Interference Distribution (RID), a sophisticated set of equations that represents a significant leap forward in the JTFA field. It allows very high-resolution images of transient signals simultaneously in time and frequency and with greatly attenuated interference terms. RID has been successfully applied to a wide variety of real-world data, including machine bearings, whale and dolphin sounds, and RADAR. Dr. Williams welcomes comments and invites questions about the RID and JTFA, and may be contacted at Quantum Signal LLC. The book can be found at Amazon (www.amazon.com) or other fine retailers.

About Quantum Signal

Founded in 1998, Quantum Signal LLC is an engineering services company specializing in advanced signal processing and pragmatic algorithmic solutions for its automotive, aerospace, and biometrics clients. As a leader in this dynamic field, the Ann Arbor-based firm is transitioning exciting signal processing technologies out of the ivory tower and into a wide variety of commercial applications. For additional information on Quantum Signal, please visit our Web site at www.quantumsignal.com or call (734) 429 - 9100.