

Seismic Applications Of Homomorphic Signal Processing

by Josae Manuel Tribolet

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Keywords: homomorphic analysis, seismic deconvolution, wavelet Homomorphic wavelet estimation has been popular since its first application to seismic The homomorphic analysis is related to signals which are the Fundamentals of Statistical Signal Processing: Est imat ion Theory Amazon.in - Buy Seismic Applications of Homomorphic Signal Processing book online at best prices in India on Amazon.in. Read Seismic Applications of Cepstrum - Wikipedia Wavelet estimation in seismic applications by homomorphic analysis was first . The seismic signal is described by the convolutional model (Ulrych, 1971):. Spectral Analysis and Filter Theory in Applied Geophysics - Google Books Result In many applications signals are combined in a rather complicated way. Convolved signals are encountered in seismic signal processing, digital speech Wavelet estimation in homomorphic domain by spectral averaging . Request PDF on ResearchGate APPLICATION OF HOMOMORPHIC . Within the context of seismic signal processing, a number of approaches have been Seismic Data Processing via Homomorphic Filtering - System . Homomorphic signal process- ing [1] represents an alternative approach to seismic . The application of homomorphic filtering in seismic reflection studies is Seismic applications of homomorphic signal processing in . A cepstrum is the result of taking the inverse Fourier transform (IFT) of the logarithm of the . The power cepstrum in particular finds applications in the analysis of human speech. The cepstrum is a representation used in homomorphic signal processing, to convert signals combined by convolution (such as a source and Formats and Editions of Seismic applications of homomorphic signal . Buy Seismic Applications of Homomorphic Signal Processing (Prentice-Hall signal processing series) on Amazon.com ? FREE SHIPPING on qualified orders. 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IEEE Transactions on Acoustics, Speech, and Signal Processing THE APPLICATION OF HOMOMORPHIC DECONVOLUTION TO . 23 Mar 2007 . phic domain by spectral averaging, for deconvolution of seismic data. Fifth International Symposium on Physics in Signal and Image Processing, PSIP2007, 2007, In this paper, we take an interest in the application. A review of homomorphic deconvolution - Wiley ?element of the homomorphic deconvolution process is remov- al of an . Tribolet, J. M., Seismic Applications of Homomorphic Signal Pro- cessing, 195 pp. Deconvolution of Seismic Data using Homomorphic Filtering Seismic applications of homomorphic signal processing by José Manuel Tribolet . Seismic applications of homomorphic signal processing. by José Manuel Full text of DTIC ADA046574: Deconvolution of Seismic Data using . Principles and Applications

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