

Fault Delineation using Spectral Decomposition of Relative Acoustic Impedance Data and RGB Blending

- Chopra Satinder et al., 2013, Spectral Decomposition's Analytical Value: Geophysical Corner, Explorer, December, 50-51.
- Chopra, S., and K. J. Marfurt, 2007, Seismic attributes for prospect identification and reservoir characterization, Geophysical Development Series, SEG.
- Chopra, S., and K. J. Marfurt, 2014, Churning seismic attributes with principal component analysis, Annual International Meeting, SEG, Expanded Abstracts, 2672-2676.
- Chopra, S. and K. J. Marfurt, 2016, Spectral decomposition and spectral balancing of seismic data, The Leading Edge, 26, 936-939.
- Chopra, S. and K. J. Marfurt, 2018a, Coherence attribute applications on seismic data in various guises - Part 1, Interpretation, August, T521-T529.
- Chopra, S. and K. J. Marfurt, 2018b, Coherence attribute applications on seismic data in various guises - Part 2, Interpretation, August, T531-T541.
- Chopra, S. and K. J. Marfurt, 2019, Multispectral, multiazimuth and multioffset coherence attribute applications, Interpretation, May, SC21-SC32.
- Gersztenkorn, A. and K. J. Marfurt, 1999, Eigen structure-based coherence computations as an aid to 3D structural and stratigraphic mapping: Geophysics, 64, 1468-1479.
- Henderson, J., S. Purves, G. Fisher, and C. Leppard, 2008, Delineation of geological elements from RGB color blending of seismic attribute volumes: The Leading Edge, v.27/3, p. 342-350.
- Honorio, B. C. Z., M. C. de Matos, and A. C. Vidal, 2017, Similarity attributes from differential resolution components: Interpretation, 5, no. 1, T65-T73, doi: 10.1190/INT-2015-0211.1.
- Leppard, C., A. Eckersly, and S. Purves, 2010, Quantifying the temporal and spatial extent of depositional and structural elements in 3D seismic data using spectral decomposition and multi attribute RGB blending, in L. J. Wood, T. T. Simo, and N. C. Rosen, eds., Seismic imaging of depositional and geomorphic systems: 30th Annual GCSSEPM Foundation Bob F. Perkins Research Conference: GCSSEPM, 1-10.
- Li, F. Y., and W. K. Lu, 2014, Coherence attribute at different spectral scales: Interpretation, 2, no. 1, SA99-SA10, doi: 10.1190/INT-2013-0089.1
- Luo, Y., S. al-Dossary, M. Marhoon, and M. Alfaraj, 2003, Generalized Hilbert transform and its application in geophysics: The Leading Edge, 22, 198-202.
- Luo, Y., W. G. Higgs, and W. S. Kowalik, 1996, Edge detection and stratigraphic analysis using 3-D seismic data: 66th Annual International Meeting, SEG, Expanded Abstracts, 324-327.
- Marfurt, K. J., R. L. Kirlin, S. H. Farmer, and M. S. Bahorich, 1998, 3-D seismic attributes using a running window semblance-based algorithm: Geophysics, 63, 1150-1165.
- Marfurt, K. J., 2017, Interpretational aspects of multispectral coherence: 79th Annual EAGE Conference and Exposition, Expanded Abstract, Th A4 11.
- Partyka, G.A., J. Gridley, and J. Lopez, 1999, Interpretational applications of spectral decomposition in reservoir characterization: The Leading Edge, 18, 353-360.
- Pepper, R., and G. Bejarano, 2005, "Advances in seismic fault interpretation automation, AAPG Search and Discovery Article 40170."
- Qi, J., F. Li and K. J. Marfurt, 2017, Multiazimuth coherence, Geophysics, 82, P083-089
- Vernengo, L., and E. Trincherro, 2015, Application of amplitude volume technique attributes, their variations, and impact: The Leading Edge, 34, 1246-1253, doi: 10.1190/tle34101246.1