
The Forgotten Curvature: Applications for the Negative of the Second Derivative to Post-Stack Seismic Reflection Trace Volumes

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EXTENDED ABSTRACT

Background

In the mid-1990s, the researchers at Exxon Production Research Company (EPRCo) in Houston began to roll out post-stack seismic attributes to affiliates. The new workbench brought volume attribute calculations and surface/interval attribute extractions to the interpreter, giving the company a competitive advantage and head start in the daily application of attribute extraction and analysis worldwide. The face of Exxon's effort to promote seismic attribute utility was Dr. Robert A. Baker. Bob was most certainly supported by a team of researchers in the halls of EPRCo. However, it was Bob Baker who took attribute extraction to the affiliates as a champion of the technology. Bob conducted workshops and created user groups to encourage and explain the practical applications of the new tools.

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