

Fast automatic detection of geological boundaries from multivariate log data using recurrence.

Journal Article

[Dr Ayham Zaitouny](#)

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Manual interpretation of data collected from drill holes for mineral or oil and gas exploration is time-consuming and subjective. The method is based on time-series techniques that have been adapted to be applicable for detecting transitions in spatial data. This method allows for the use of multiple variables in detecting different lithological layers. It reduces dimensionality by integrating several profiles into a single profile. This versatile method is efficient, accurate and computationally cheap and fast.

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