

DAFTAR PUSTAKA

- Aki, K., & Richards, P. G. (1980). *Quantitative seismology: Theory and methods*. W. H. Freeman and Company.
- Al Haj, M. I., & Herawati, I. (2023). Identifikasi prospek hidrokarbon menggunakan metode inversi simultan pada Lapangan Teapot Dome, Wyoming. *Jurnal Rekayasa Geofisika Indonesia*, 5(2), 82–100. <https://jrgi.uiho.ac.id/>
- Ariyanto, P., & Kusdianto, F. (2014). *Secondary hydrocarbon migration and entrapment evaluation in Lamatang area, South Sumatera. Proceedings Indonesian Petroleum Association, 38th Annual Convention & Exhibition*, IPA 14-G-337.
- Asquith, G., & Krygowski, D. (2004). *Basic well log analysis* (2nd ed.). AAPG.
- Avseth, P., Mukerji, T., & Mavko, G. (2005). *Quantitative seismic interpretation: Applying rock physics tools to reduce interpretation risk*. Cambridge University Press.
- Barber, A. J., Crow, M. J., & Milsom, J. (2005). *Sumatra: Geology, resources and tectonic evolution*. Geological Society.
- Bishop, M. G. (2001). *South Sumatra Basin Province, Indonesia: The Lahat/Talang Akar-Cenozoic total petroleum system*. U.S. Geological Survey.
- Bortfeld, R. (1961). *Approximation to the reflection and transmission coefficients of plane longitudinal and transverse waves*. *Geophysical Prospecting*, 9(4), 485–502.
- Castagna, J. P., Batzle, M. L., & Eastwood, R. L. (1985). *Relationships between compressional-wave and shear-wave velocities in clastic silicate rocks*. *Geophysics*, 50(4), 571–581.
- Castagna, J. P., & Backus, M. M. (1993). *Offset-dependent reflectivity: Theory and practice of AVO analysis*. Society of Exploration Geophysicists.
- Chiburis, E., Leaney, S., Skidmore, C., Frank, C., & McHugo, S. (1993). *Hydrocarbon detection with AVO*. *Oilfield Review*.
- Connolly, P. (1999). *Elastic impedance*. *The Leading Edge*, 18(4), 438–452.
- Ginger, D. C., & Fielding, E. J. (2005). *The petroleum systems and future potential of the South Sumatra Basin*. *Proceedings of the Indonesian Petroleum Association*, IPA05-G-039, 1–23.
- Goodway, B., Chen, T., & Downton, J. (1997). *Improved AVO fluid detection and lithology discrimination using Lamé petrophysical parameters: $\lambda\rho$, $\mu\rho$, and λ/μ fluid stack from P and S inversions*. In *SEG Technical Program Expanded Abstracts 1997* (pp. 183–186). Society of Exploration Geophysicists. <https://doi.org/10.1190/1.1885795>
- Goodway, B. (2001). *AVO and Lamé constants for rock parameterization and fluid detection*. *CSEG Recorder*, 26(6), 39–60.

- Hampson, D. P., Russell, B. H., & Bankhead, B. (2005). *Simultaneous inversion of pre-stack seismic data*. In *SEG Technical Program Expanded Abstracts 2005* (pp. 1633–1637). *Society of Exploration Geophysicists*.
- Harsono, A. (1997). Evaluasi formasi dan aplikasi log. *Schlumberger Oilfield Services*.
- Humairoh, W. A., Surjono, S. S., & Negara, I. M. S. (2024). *Reservoir characterization using Poisson impedance and V_p/V_s inversion methods in Ngimbang clastics tubasapi, North East Java Basin, Indonesia*. In *Selected Studies in Geophysics, Tectonics and Petroleum Geoscience* (pp. 101–107). Springer. https://doi.org/10.1007/978-3-031-43807-3_10
- Isotta, E., Peng, W., Balodhi, A., & Zevalkink, A. (2023). *Elastic moduli: A tool for understanding chemical bonding and thermal transport in thermoelectric materials*. *Angewandte Chemie International Edition*, 62(12), e202213649. <https://doi.org/10.1002/anie.202213649>
- Jaeger, J. C., Cook, N. G. W., & Zimmerman, R. (2007). *Fundamentals of rock mechanics* (4th ed.). *Blackwell Publishing*.
- Koefoed, O. (1955). *On the effect of Poisson's ratio of rock strata on the reflection coefficients of plane waves*. *Geophysical Prospecting*, 3(4), 381–387.
- Maurya, S. P., Singh, N. P., & Singh, K. H. (2020). *Fundamental of seismic inversion*. In *Seismic inversion methods: A practical approach* (pp. 1–18). Springer.
- Mavko, G., Mukerji, T., & Dvorkin, J. (2009). *The rock physics handbook: Tools for seismic analysis of porous media* (2nd ed.). *Cambridge University Press*.
- Muskat, M., & Meres, M. W. (1940). *Reflection and transmission coefficients for plane waves in elastic media*. *Geophysics*, 5(2), 115–148.
- Ostrander, W. J. (1984). *Plane-wave reflection coefficients for gas sands at nonnormal angles of incidence*. *Geophysics*, 49(10), 1637–1648.
- PT Pertamina EP Asset 4. (2024). Data internal Lapangan [Unpublished internal company report].
- Pulunggono, A., Haryo, A. S., & Kosuma, C. G. (1992). *Pre-Tertiary and Tertiary fault systems as a framework of the South Sumatra Basin: A study of SAR-maps*. *Proceedings of the Indonesian Petroleum Association, 21st Annual Convention & Exhibition*, 339–360.
- Purba, H., Prasetyo, B. D., Tampubolon, R. A., Riyadi, P., Dina, S. A., & Basundara, A. H. (2017). *Distinguishing lithology and fluid using Poisson impedance*.
- Quakenbush, M., Shang, B., & Tuttle, C. (2006). *Poisson impedance*. *The Leading Edge*, 25(2), 128–138. <https://doi.org/10.1190/1.2172301>
- Royle, A. (1999). *Glossary of AVO terms*. Geo-X Systems Ltd.
- Russell, B. H. (1998). *Introduction to seismic inversion methods*. SEG.
- Russell, B. H., & Hampson, D. P. (2006). *The old and the new in seismic inversion*. *CSEG Recorder*, 31(10), 5–11.

- Russell, B. H., Hedlin, K., Hilterman, F. J., & Lines, L. R. (2007). *Fluid-property discrimination with AVO: A Biot–Gassmann perspective*. *Geophysics*, 72(5), C19–C26.
- Sheriff, R. E., & Geldart, L. P. (1995). *Exploration seismology* (2nd ed.). Cambridge University Press.
- Shuey, R. T. (1985). *A simplification of the Zoeppritz equations*. *Geophysics*, 50(4), 609–614.
- Simm, R., & Bacon, M. (2014). *Seismic amplitude: An interpreter's handbook*. Cambridge University Press.
- Sukmono, S. (1999). Interpretasi seismik refleksi. Institut Teknologi Bandung.
- Sukmono, S. (2000). Seismik inversi untuk karakterisasi reservoir. Jurusan Teknik Geofisika ITB.
- Tamtomo, B., Djoko, H., & Poernomo, B. (1997). *Transgressive Talang Akar sands of the Kuang area, South Sumatra Basin: Origin, distribution and implication for exploration play concept*. *Proceedings of the Indonesian Petroleum Association Annual Convention*, 26(1), 77–92.
- Telford, W. M., Geldart, L. P., & Sheriff, R. E. (1990). *Applied geophysics* (2nd ed.). Cambridge University Press.
- Tiab, D., & Donaldson, E. C. (2015). *Petrophysics: Theory and practice of measuring reservoir rock and fluid transport properties* (4th ed.). Elsevier.
- Veeken, P. C. H. (2007). *Seismic inversion methods and applications*. EAGE Publications.
- Wyllie, M. R. J., Gregory, A. R., & Gardner, G. H. F. (1956). *Elastic wave velocities in heterogeneous and porous media*. *Geophysics*, 21(1), 41–70.
- Zoeppritz, K. (1919). *On the reflection and transmission of seismic waves at discontinuities*. *Göttinger Nachrichten*, 66–84.