

- [1] Johnston, D. H., M. N. Toksöz, and A. Timur, 1979, Attenuation of seismic waves in dry and saturated rocks : II. Mechanisms: *Geophysics*, 44, 691-711.
- [2] Dvorkin, J., and A. Nur, 1993, Dynamic poroelasticity : A unified model with the squirt and the biot mechanisms: *Geophysics*, 58, 524-533.
- [3] Sheriff, R.E., and L. P. Geldart, 1983, *Exploration seismology*: 2nd ed, Cambridge Univ. press, Cambridge, U.K.
- [4] Cheng, P., 2013, Anelastic attenuation in seismic data: modeling, measurement and correction, thesis submitted to the faculty of graduate fulfillment of the requirements for the degree of doctor of philosophy, Department of geoscience, University of Alberta, Calgary, Canada.
- [5] Aki, K., and P. G. Richards, 2002, *Quantitative Seismology: Theory and methods*: University Science books.
- [6] Gholami, A., 2014, Semi-blind nonstationary deconvolution: Joint reflectivity and Q estimation. (SUBMITTED)
- [7] Batron, N., 2007, *Rock quality, seismic velocity, attenuation and anisotropy*, University Science books.
- [8] Reine, C., Clark, R., and M. V. D. Baan, 2012, Robust prestack Q-determination using surface seismic data: Part 1, Method and synthetic examples: *Geophysics*, 77, 45-56.
- [9] Macrides, C. G., and E. R. Kanasevich, 1987, Seismic attenuation and Poisson's ratios in oil sands from crosshole measurements: *Journal of the Canadian Society of Exploration Geophysicists*, 23, 46-55.
- [10] Clark, R. A., A. J. Carter, P. C. Nevill, and P. M. Benson, 2001, Attenuation measurements from surface seismic data -Azimuthal variation and time-lapse case studies: 63rd Annual International Conference and Exhibition, EAGE, Expanded Abstracts, L-28.
- [11] Maultzsch, S., M. Chapman, E. Liu, and X.-Y. Li, 2007, Modelling and analysis of attenuation anisotropy in multi- azimuth VSP data from the clair field: *Geophysical Prospecting*, 55, 627-642.
- [12] Clark, R. A., P. M. Benson, A. J. Carter, and C. A. Guerrero Moreno, 2009, Anisotropic P-wave attenuation measured from a multi-azimuth surface seismic reflection survey: *Geophysical Prospecting*, 57, 835-845.
- [13] Behura, J., 2009, Estimation and analysis of attenuation anisotropy, thesis submitted to the faculty of graduate fulfillment of the requirements for the degree of doctor of philosophy, Center for wave phenomena Colorado School of Mines, Golden, Colorado.

- [14] Zhang, C., 2008, Seismic absorption estimation and compensation, A thesis submitted in partial fulfilment of the requirements for the degree of Doctor of Philosophy, University of British Columbia, Vancouver, Canada.
- [15] Wang, Y., 2008, Seismic inverse Q filtering: Oxford, Blackwell Publishing, ISBN:978-1-4051-8540-0.
- [16] de Castro Nunes, B. I., Eugênio de Medeiros, W., Farias do Nascimento, A., & de Moraes Moreira, J. A., 2001, Estimating quality factor from surface seismic data: A comparison of current approaches: Journal of Applied Geophysics, 75(2), 161-170.
- [17] Cheng, P., and Margrave, G. F., 2011b, A match-filter method for estimation: CREWES research report, 23.
- [18] Cheng, P., and Margrave, G. F., 2008, Complex spectral-ratio method for estimation: CREWES research report, 20.
- [19] Cheng, P., and Margrave, G. F., 2013, Estimation of Q a comparison of different computational Methods, CREWES Report, Calgary Univ, GeoConvention 2013.
- [20] Stainsby, S. D., and M. H. Worthington, 1985, Q estimation from vertical seismic profile data and anomalous variations in the central North Sea: Geophysics, 50, 615-626.
- [21] Blias, E., 2007, VSP wavefield separation: Wave-by-wave optimization approach: Geophysics, 72(4), 47-55.
- [22] Herris, P. E., C. Kerner, and R. E. White, 1997, Multichannel estimation of frequency dependent of Q from VSP data: Geophysical Prospecting, 45, 78-109.
- [23] Tonn, R., 1991, The determination of the seismic quality factor Q from VSP Data: a comparison of different computational methods: Geophysical Prospecting, 39, 1-27.
- [24] Parra, J. O. and C. Hackett, 2002, Wave attenuation attributes as flow unit indicators: The Leading Edge, 21, 564-572.
- [25] Taner, M. T. and S. Treitel, 2003, A robust method for Q estimation: 73rd SEG, Expanded Abstracts, 710-713, Soc. of Expl. Geophys.
- [26] Hubert, L., U. Strecker, J. Dvorkin, and K. A. Festervoll, 2005, Seismic attenuation and hybrid attributes to reduce exploration risk-North Sea case study: 75th SEG, Expanded Abstracts, 436-439.
- [27] Hamilton, E. L., 1972, Compressional wave attenuation in marine sediments: Geophysics, 37, 620-646.

- [28] Hauge, P., 1981, Measurements of attenuation from vertical seismic profiles: *Geophysics*, 46, 1548-1558
- [29] Badri, M., and H. Mooney, 1987, Q measurements from compressional seismic waves in unconsolidated sediments: *Geophysics*, 52, 772-784.
- [30] Sams, S., J. P. Neept, M. H. Worthington, and M. S. King, 1997, The measurement of velocity dispersion and frequency dependent intrinsic attenuation in sedimentary rocks: *Geophysics*, 62, 1456-1464.
- [31] Zhang, Z., and R. Stewart, 2008, Well log analysis and seismic attenuation in a heavy oilfield: Ross Lake, Saskatchewan: CSEG National Convention, Extended Abstracts, 283-387.
- [32] Dai, N. and G. F. West, 1994, Inverse Q migration: 63nd SEG, Expanded abstract, 1418-1421, Soc. of Expl. Geophys.
- [33] Yu, Y., R. Lu and M Deal, 2002, Compensation for the effects of shallow gas attenuation with viscoelastic wave equation migration: 72nd SEG, Expanded abstracts, 2062-2065, Soc. of Expl. Geophys.
- [34] Cui, J. and J. He, 2004, 2D seismic migration with compensation: a preliminary study: *Journal of Geophysical and Engineering*, 1, 263-267.
- [35] Taner, M. T. and S. Treitel, 2003, A robust method for Q estimation: 73rd SEG, Expanded Abstracts, 710-713, Soc. of Expl. Geophys.
- [36] Dvorkin, J., G. Mavko, and A. Nur, 1995, Squirt flow in fully saturated rocks: *Geophysics*, 60, 97-107.
- [37] Quan, Y. and J. M. Harris, 1997, Seismic attenuation tomography using the frequency shift method: *Geophysics*, 62, 895-905.
- [38] Plessix, R. E., 2006, Estimation of velocity and attenuation coefficient maps from crosswell seismic data: *Geophysics*, 71, S235-S240 .
- [39] Romero, A. E., T. V. McEvilly, and E. L. Majer, 1997, 3-D microearthquake attenuation tomography at the Northwest Geysers geothermal region, California: *Geophysics*, 62, 149-167.
- [40] Zhang, C., and T. J. Ulrych, 2002, Estimation of quality factors from CMP records: *Geophysics*, 67, 1542-1547.
- [41] Dasios, A., T. R. Astin, and C. McCann, 2001, Compressional-wave Q estimation from full-waveform data: *Geophysical Prospecting*, 49, 353-373.
- [42] Dasgupta, R., and R. A. Clark, 1998, Estimation of Q from surface seismic reflection data: *Geophysics*, 63, 2120-2128.
- [43] Clark, R. A., P. M. Benson, A. J. Carter, and C. A. Guerrero Moreno, 2009, Anisotropic P-wave attenuation measured from a multi-azimuth surface seismic reflection survey: *Geophysical Prospecting*, 57, 835-845.

[۴۴] روشندل، سیاه کوهی، ح.، ۱۳۸۹، شناسایی مستقیم هیدروکربن به روش تعیین فاکتور کیفیت با محاسبه‌ی چگالی انرژی در حوزه‌ی زمان-مقیاس، مجله‌ی فیزیک و فضا، دوره‌ی ۳۶، شماره ۴، صفحه ۷۵-۸۷.

[۴۵] روشندل، ا، سیاه کوهی، ح، ۱۳۸۷، تعیین فاکتور کیفیت با استفاده از تبدیل‌های زمان-مقیاس و زمان-فرکانس، مجله‌ی فیزیک زمین و فضا، جلد ۳، شماره ۱، صفحه‌ی ۱۱۹-۳۲.

[46] de Castro Nunes, B. I., Eugênio de Medeiros, W., Farias do Nascimento, A., & de Moraes Moreira, J. A. (2011). Estimating quality factor from surface seismic data: A comparison of current approaches. *Journal of Applied Geophysics*, 75, 2, 161-170.