

Bibliography

- Aki, K., and P. G. Richards, 2002, Quantitative seismology, University Science Books.
- Amundsen, L., 2001, Elimination of free-surface related multiples without need of the source wavelet: *Geophysics*, **66**, 327–341, doi: 10.1190/1.1444912.
- Artman, B., 2007, Passive seismic imaging: Ph.D. thesis, Stanford University.
- Barr, F.J., and J.I. Sanders, 1989, Attenuation of water-column reverberations using pressure and velocity detectors in a water-bottom cable: 59th Annual International Meeting, SEG, Expanded Abstracts, 653–655, doi: 10.1190/1.1889557.
- Berryhill, J.R., and Y.C. Kim, 1986, Deep-water peglegs and multiples: Emulation and suppression: *Geophysics*, **51**, 2177–2184, doi:10.1190/1.1442070.
- Brown, M. P., 2004, Least-squares joint imaging of multiples and primaries: Ph.D. thesis, Stanford University.
- Burch, T., B. Hornby, H. Sugianto, and B. Nolte, 2010, Subsalt 3D VSP imaging at Deimos Field in the deepwater Gulf of Mexico: *The Leading Edge*, **29**, 680–685, doi:10.1190/1.3447781.
- Clapp R. G., 2014, Synthetic model building using a simplified basin modeling approach: Stanford Exploration Project Report, **155**, 145–151.
- Cole, S., and M. Karrenbach, 1992, Least-squares Kirchhoff migration: Stanford Exploration Project Report, **75**, 107–120.
- Dash, R., G. Spence, R. Hyndman, S. Grion, Y. Wang, and S. Ronen, 2009, Wide-area imaging from OBS multiples: *Geophysics*, **74**, no. 6, Q41–Q47, doi:10.1190/1.3223623.
- Gherasim, M., B. Nolte, J. Etgen, P. Jilek, P. Vu, M. Trout, and K. Hartman, 2014, Wave-equation angle-based illumination weighting for optimized subsalt images:

- The Leading Edge, **33**, 329–399, doi:10.1190/tle33040392.1.
- Godfrey, R.J., P. Kristiansen, B. Armstrong, M. Cooper, and E. Thorogood, 1998, Imaging the Foinaven ghost: 68th Annual International Meeting, SEG, Expanded Abstracts, 1333–1335, doi:10.1190/1.1820147.
- Grion, S., R. Exley, M. Manin, X. Miao, A. Pica, Y. Wang, P. Granger, and S. Ronen, 2007, Mirror imaging of OBS data: First Break, **25**, no. 11, 37–42, 10.3997/1365-2397.2007028.
- Guilton, A., 2002, Shot-profile migration of multiple reflections: 72nd Annual International Meeting, SEG, Expanded Abstracts, 1296–1299, doi: 10.1190/1.1816892.
- Hale, D., 2009, A method for estimating apparent displacement vectors from time-lapse seismic images: Geophysics, **74**, no. 5, V99–V107, doi:10.1190/1.3184015
- Hays, D., K. Craft, P. Docherty, and F. Smit, 2008, An ocean bottom seismic node repeatability study: 78th Annual International Meeting, SEG, Expanded Abstracts, 55–59. doi:10.1190/1.3054854.
- Ji, J., 1992a, Least squares imaging, datuming, and interpolation using the wave equation: Stanford Exploration Project Report, **75**, 111–124.
- , 1992b, Reverse-time migration as the conjugate of forward modeling: Stanford Exploration Project Report, **75**, 125–132.
- Lambare, G., J. Virieux, R. Madariaga, and S. Jin, 1992, Iterative asymptotic inversion in the acoustic approximation: Geophysics, **57**, 1138–1154, doi: 10.1190/1.1443328.
- Leader, C., and A. Almomin, 2012, How incoherent can we be? Phase encoded linearised inversion with random boundaries: 82nd Annual International Meeting, SEG Expanded Abstracts, 1–5, doi: 10.1190/segam2012-0827.1.
- Leader, C. and R. Clapp, 2013, Large scale linearized inversion with multiple GPUs: 83rd Annual International Meeting, SEG, Expanded Abstracts, 3211–3215, doi: 10.1190/segam2013-0738.1.
- Liu, Y., X. Chang, D. Jin, R. He, H. Sun, and Y. Zheng, 2011, Reverse time migration of multiples: 81st Annual International Meeting, SEG, Expanded Abstracts, 3326–3331, doi:10.1190/1.3627888.
- Lu, G., B. Ursin, and J. Lutro, 1999, Model-based removal of water-layer multiple

- reflections: *Geophysics*, **64**, 1816–1827, doi:10.1190/1.1444687.
- Lu, S., N.D. Whitmore, and A.A. Valenciano, 2013, Challenges and opportunities in 3D imaging of sea surface related multiples: 83rd Annual International Meeting, SEG, Expanded Abstracts, 4111–4115, doi: 10.1190/segam2013-0461.1.
- Morley, L.C., 1982, Predictive technique for marine multiple suppression: Ph.D. thesis, Stanford University.
- Morton, S.A., and C.C. Ober, 1998, Fast shot-record depth migrations using phase encoding: 68th Annual International Meeting, SEG, Expanded Abstracts, 1131–1134, doi: 10.1190/1.1820088.
- Muijs, R., J.O.A. Robertsson, and K. Holliger, 2007a, Prestack depth migration of primary and surface-related multiple reflections: Part I – Imaging: *Geophysics*, **72**, no. 2, S59–S69, doi: 10.1190/1.2422796.
- , 2007b, Prestack depth migration of primary and surface-related multiple reflections: Part II – Identification and removal of residual multiples: *Geophysics*, **72**, no. 2, S71–S76, doi: 10.1190/1.2424544.
- Nemeth, T., C. Wu, and G. T. Schuster, 1999, Least-squares migration of incomplete reflection data: *Geophysics*, **64**, 208–221, doi: 10.1190/1.1444517.
- Paffenholz, J., B. McLain, J. Zaskie, and P. J. Keliher, 2002, Subsalt multiple attenuation and imaging: observations from the Sigsbee2B synthetic dataset: 72nd Annual International Meeting, SEG, Expanded Abstracts, 2122–2125, doi: 10.1190/1.1817123.
- Pangman, P., 2007, SEAM launched in March: *The Leading Edge*, **26**, 718–720, doi: 10.1190/tle26060718.1.
- Reiter, E.C., M.N. Toksoz, T.H. Keho, and G.M. Purdy, 1991, Imaging with deep-water multiples: *Geophysics*, **56**, 1081–1086, doi: 10.1190/1.1443119.
- Riley, D. C. and J. F. Claerbout, 1976, 2-D multiple reflections: *Geophysics*, **41**, 592–620, doi: 10.1190/1.1440638.
- Romero, L.A., D.C. Ghiglia, C.C. Ober, and S.A. Morton, 2000, Phase encoding of shot records in prestack migration: *Geophysics*, **65**, 426–436, doi: 10.1190/1.1444737.
- Ronen, S., L. Comeaux, and J. Miao, 2005, Imaging downgoing waves from ocean

- bottom stations: 75th Annual International Meeting, SEG, Expanded Abstracts, 963–966, doi: 10.1190/1.2148321.
- Ronen, S., and C.L. Liner, 2000, Least-squares DMO and migration: *Geophysics*, 1364–1371, doi:10.1190/1.1444827.
- Schalkwijk, K.M., C.P.A. Wapenaar, and D.J. Verschuur, 2003, Adaptive decomposition of multicomponent ocean-bottom seismic data into downgoing and upgoing P- and S- waves: *Geophysics*, **68**, 1091–1102, doi: 10.1190/1.1581081.
- Shan, G., 2003, Source-receiver migration of multiple reflections: 73rd Annual International Meeting, SEG, Expanded Abstracts, 1008–1011, doi: 10.1190/1.1817440.
- Smit, F., C. Perkins, L. Lepre, K. Craft, and R. Woodard, 2008, Seismic data acquisition using Ocean Bottom Seismic nodes at the Deimos Field, Gulf of Mexico: 78th Annual International Meeting, SEG, Expanded Abstracts, 998–1002, doi: 10.1190/1.3063805.
- Sonneland, L., and L.E. Berg, 1987, Comparison of two approaches to water layer multiple attenuation by wave field extrapolation: 57th Annual International Meeting, SEG, Expanded Abstracts, 276–277, doi: 10.1190/1.1892114.
- Soubaras, R., 1996, Ocean bottom hydrophone and geophone processing: 66th Annual International Meeting, SEG, Expanded Abstracts, 24–27, doi: 10.1190/1.1826611.
- Stopin, A., M. M. Rae, L. Lepre, and B. Gaudin, 2008, Constructing an anisotropic velocity model for Ocean Bottom Seismic node data: 78th Annual International Meeting, SEG, Expanded Abstracts, 993–997, doi: 10.1190/1.3063804.
- Tsai, C. J., 1985, Use of autoconvolution to suppress first-order, long period multiples: *Geophysics*, **50**, 1410–1425, doi:10.1190/1.1442010.
- Verschuur, D. J., A. J. Berkhout, and C. P. A. Wapenaar, 1992, Adaptive surface-related multiple elimination: *Geophysics*, **57**, 1166–1177, doi: 10.1190/1.1443330.
- Wang, Y., S. Grion, and R. Bale, 2009, What comes up must have gone down: the principle and application of up-down deconvolution for multiple attenuation of ocean bottom data: *Canadian Society of Exploration Geophysicists RECORDER*, **34**, no. 10, 16–20.
- Wiggins, J.W., 1988, Attenuation of complex water-bottom multiples by wave-equation-based prediction and subtraction: *Geophysics*, **53**, 1527–1539, doi:

- 10.1190/1.1442434.
- Wong, M., 2013, Handling salt reflection in least-squares RTM: 83rd Annual International Meeting, SEG, Expanded Abstracts, 3921–3925, doi: 10.1190/segam2013-0726.1.
- Wong, M., S. Ronen, and B. Biondi, 2011, Least-squares reverse-time migration/inversion for ocean bottom data: A case study: 81st Annual International Meeting, SEG, Expanded Abstracts, 2369–2373, doi: 10.1190/1.3627684.
- Zhang, Y., A. Ratcliffe, G. Roberts, and L. Duan, 2014, Amplitude-preserving reverse time migration: From reflectivity to velocity and impedance inversion: *Geophysics*, **79**, no. 6, S271-S283. doi: 10.1190/geo2013-0460.1.