List of supervised and co-supervised M.Sc. theses

1. Kotterman, W.A.T., 1984, Tweeweg eigenschappen van geluidsveldextrapolatie met het P-$\partial_z P$ schema.
2. Krüger, L.R., 1984, Downward continuation operators for seismic data from strongly inhomogeneous media.
3. Blacquière, G., 1985, 3D migration of zero-offset data in the wavenumber-frequency domain.
4. van den Berg, L., 1985, Spatiële resolutie en apertuurrotatie.
5. Harwijanto, J.A., 1985, Vertical wave field extrapolation for VSP migration.
6. Kinneging, N.A., 1985, Two-way modeling and migration using full elastic wavefield extrapolation.
7. Kloosterman, H.J., 1985, Two-way wave equation migration.
8. Kokke, J., 1985, Nieuwe methoden bij bestrijding van spatiële aliasing in commonmidpoint data.
9. Peels, G.L., 1985, Prestack wave equation datuming.
10. Lörtzer, G.J.M., 1985, Investigation of time migration errors in simplified 3D structures.
11. Noort, N., 1986, Golfvoortplanting in inhomogene media.
12. Soede, W., 1986, Pre-stack migration by single shot record inversion.
13. Witte, J., 1986, Tweeweg golfveldextrapolatie in laminair stromende media met een toepassing in de buitenlucht akoestiek.
14. Haimé, G.C., 1987, Full elastic inverse wavefield extrapolation through an inhomogeneous medium.
15. Rietveld, W.E.A. 1987, Full elastic modeling for non-destructive evaluation.
16. Soethout, J.A., 1987, Errors in 2-D and 3-D migration caused by neglect of the evanescent wave field.
17. Ooms, F.P.J., 1987, A new approach to velocity analysis in shot record migration.
18. Smit, F.A., 1987, Finite difference migration based on the two-way wave equation.
19. Rameau, C.J., 1987, A new approach to parametric inversion; a proposal to avoid local minima solutions.
20. de Bruin, C.G.M., 1988, Angle-dependent reflectivity by means of shot record migration.

21. Budejicky, V., 1988, Inverse wavefield extrapolation with Gaussian beam modeled Green's functions.

22. Debeye, H.W.J., 1988, Optimization of the recursive Kirchhoff extrapolator.

23. Vrolijk, P.D., 1988, A method to transform shot-record measurements to VSP-data.

24. Arts, R.J., 1990, Finite difference modeling of seismic data for inhomogeneous anisotropic media.

25. Giling, E.J.M., 1990, Finite element modeling for seismic and NDE purposes.

26. Jaspers, H.F., 1990, Accuracy of finite difference modeling in heterogeneous media.

27. Rochmat, L.Y., 1990, Parametric inversion based on the cross-correlation of CMP gathers.

28. Herrmann, F.J., 1991, The effect of detail on wave propagation: towards an improved macro model parameterization.

29. Kremer, S.R.G., 1991, Extrapolation operators by beam tracing.

30. Teenstra, M.D., 1991, Theoretical and practical aspects of recursive elastic modeling in the wavenumber, frequency-domain.

31. Reynders, 1992, M.A., Parallellization of a seismic finite difference modeling scheme on the linear processor array.

32. Hylarides, P.J., 1992, Enlargement of seismic aperture.

33. de Jonge, D.Y.C.E.M., 1992, Seismic imaging of indirectly illuminated reflectors.

34. Tjan, T., 1992, Traveltime inversion for seismic velocities and velocity gradients.

35. van Wijngaarden, A.J., 1992, Surface wave inversion. A nonlinear inversion technique for the shallow subsurface using higher order Rayleigh modes.

36. Hulshof, A., 1993, Design of source arrays for pure P- or S-wave radiation.

37. Hondius, C.J., 1993, Design of stress source arrays for predefined P- or S-wavefields.

38. Mollet, G.L.M., 1993, Acoustic wave field extrapolation with closed form operators.

39. Timmerman, J.I.H., 1993, Removal of finite aperture artefacts in wavefield extrapolation and plane wave decomposition.

40. van Vroonhoven, M.W.L., 1993, The reflectivity operator for curved interfaces.

41. de Bont, W.P., 1993, Non-linear acoustic properties of ultrasound contrast agents for medical use.
42. Kotting, M.D., 1994, De rol van de equivalente formuleringen van de mechanica en de akoestiek voor het standpunt van het wetenschappelijk realisme.
43. Slot, R.E., 1994, Mimicking fine-layering by anisotropic anelastic losses (towards an extended macro model).
44. Bakker, S., 1995, Wave propagation in porous media.
45. Grimbergen, J.L.T., 1995, One-way wave field operators in laterally varying media.
46. 't Hart, D.H., 1995, Forward and inverse wave propagation in media with curved interfaces.
47. Hoff, J.D., 1995, 3D one-way wave field extrapolation by using 1D convolution operators.
48. Fleuren, M., 1995, Finite difference modeling of acoustic wave propagation with losses.
49. van der Leij, T.S., 1995, True amplitude-versus-angle imaging in finely layered media.
50. Hoekstra, E.V., 1996, Multiscale analysis of seismic data by the wavelet transform.
51. Robers, M.A., 1997, Ultrasonic beam profile characterization by reflection measurements.
52. Rummel, B.R., 1997, High resolution ultrasonic imaging and angle dependent tissue characterization.
53. Janssen, C.R.M., 1998, Performance of search algorithms for angle matching in intravascular elastography.
54. Emmerig, V., 1999, Data analysis and decomposition of shallow Ocean Bottom Seimic.
55. Haesen, C., 1999, Nonlinear propagation of ultrasonic waves in water. Theory, simulation and experiment.
56. Hulsbergen, J., 1999, Determination of an image strategy for a multi-source, single-receiver walk-away VSP dataset.
57. Scherpenhuijsen, P.C., 2000, Application of the one-way reciprocity theorem on 4D seismic data.
58. Mercerat, E.D., 2001, Scaling behaviour of the transmission response of sandstones.

59. Van Leeuwen, R.G.H., 2001, Imaging of acoustic data acquired on a circular array using wave field extrapolation.

60. Konings, S., 2001, Quantification of time-lapse changes in elastic medium parameters using the one-way reciprocity theorem.

61. Toxopeüs, G., 2001, 3D parallel elastic wave modeling. Scalability analysis and parallelization strategies for (Beowulf) clusters.

62. Van der Burg, D.W., 2002, Source decomposition and receiver composition for electrokinetic measurements.

63. Bloem, E., 2002, Two- and three-dimensional geo-electrical methods for hydrogeological applications.

64. Brouwer, F.G.C., 2002, A proposal for an estimation of sea-bottom parameters using Scholte waves.

65. Draganov, D., 2002, Passive seismic imaging using cross-correlation: theory and modeling results.

66. Van der Lee, C.J., 2003, A comprehensive study of transmission and reflection phenomena in water-saturated porous slabs.

67. Schaaf, J.F., 2003, Integrating seismic and electromagnetic reflections to derive subsoil information.

68. Koch, M.B., 2003, Quantification of acquisition-related amplitude variations and its relation to imaged-reflector amplitudes: Modelling versus field experiment.

69. Meek, G., 2003, Seismic reflection and transmission at a non-welded interface.

70. Louh, M., 2003, Reservoir characterization of a turbidite deposit through 3D and 4D seismic, geological objects, and dynamical data.

71. Wever, A.K.T., 2004, Criteria for source and receiver positioning in time-lapse seismic acquisition.

72. Verhaeghe, J., 2005, Parameterized focusing operator updating.

73. Palmaers, V., 2005, 3D depth imaging using PS converted waves.

74. Maarsen, R.P., 2005, Inversion of shallow seismic and electromagnetic data to obtain local angle-dependent reflection coefficients.

75. van der Neut, J., 2006, Stress estimation and gas detection from seismic reflection coefficients at a non-welded interface.

76. Ruigrok, E., 2006, Global-scale seismic interferometry: numerical validation of the acoustic representation integral.

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92. Lux, F., 2015, Theoretical and practical limitations of IME-algorithms.

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99. Idris, A., 2020, Compensating for water velocity variations using an interferometric approach.

100. Almobarak, M., 2021, Plane-wave Marchenko imaging method: Applications.