

## RESEARCH PERSONNEL

*David Brown* has studied at Stanford since 1972, majoring in physics and geophysics in the "coterminal" degree program. He will receive his B.S. in physics and M.S. in geophysics in June 1977. He has been with SEP since January 1977, and has worked on higher-accuracy difference approximations. After graduation from Stanford he will continue to work with SEP until September, when he will begin his Ph.D. work in numerical analysis at Uppsala University, Sweden.

*Jon F. Claerbout* received his education at M.I.T. (B.S. physics 1960, M.S. geophysics 1963, Ph.D. geophysics 1967). He worked for Teledyne, Inc., in 1963, and studied in Uppsala, Sweden, in 1964. He joined the geophysical faculty at Stanford University in 1967. From 1967 to 1973, he was a consultant to the Chevron Oil Field Research Company. He is an active member of the Society of Exploration Geophysics, receiving the Best Presentation Award for a paper, "Extrapolation of Wave Fields," presented at the 1972 international SEG meeting, and receiving the Society's Medal Award in 1973 "in recognition of his outstanding and original pioneering work in seismic wave analysis." During the year 1972-73 he was a visiting research geologist at Princeton University and a visiting lecturer at Sydney University. Presently he is professor of geophysics at Stanford University.

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*Giovanni Da Prat* received a degree in physics (Licenciado) from the Central University of Venezuela in 1974. From 1974 to 1975, he taught physics at the Simon Bolivar University in Caracas, Venezuela. Presently, he is a graduate student in geophysics at Stanford University. He is a member of SEG.

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OUTLINE/INDEX

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I tried to make an outline of the SEP reports. There were many cross links that required multiple entries. The result resembles an index with the following headings:

Background  
Best of Burg  
Elastic Waves  
L<sub>1</sub>-Norm and Non-Gaussian Modelling  
Miscellaneous  
Migration  
Multiple Reflection  
Source Waveforms  
Slanted Coordinates  
Time Series Analysis  
Velocity Estimation

In the index, report numbers are in italics, page numbers are in arabic numbers; the authors' names are in capitals.

BACKGROUND

CLAERBOUT, 2-D Inhomogeneous Media Wave Calculations .....	1, 1
ESTEVEZ, A Tutorial on Monochromatic Waves .....	1, 8
SCHULTZ, Approximations to the Wave Propagation Transfer Function .....	1, 41
RILEY, A Benchmark Program for Migration/Diffraction .....	1, 60
CLAERBOUT, Two Techniques for Wave Equation Migration .....	1, 73
FUNKHOUSER, Wave Propagation on the Surface of a Sphere .....	1, 337
CLAERBOUT, SEP Synopsis and Prognosis .....	11, 1

## BEST OF BURG

Maximum Entropy Spectral Analysis (dissertation) .....	6
General Principles for Estimation of Covariance Matrices .....	1, 304
Recommendations Concerning Maximum Entropy Spectral Estimation ...	1, 318
An Algorithm for Obtaining the Correlation Functions Between Forward and Backward Prediction Error Filters .....	1, 327
The General Variational Approach .....	2, 196
An Example in Which Consistency is Equivalent to Positive Definite- ness of the 2-D Correlation Matrix .....	2, 205
Multichannel Maximum Entropy Spectral Analysis .....	2, 211
Two-Dimensional Maximum Entropy Spectral Analysis .....	2, 217
Estimation of a Two-Dimensional Correlation Matrix (An Example) ..	2, 225
Single and Multichannel Maximum Entropy .....	5, 138
CLAERBOUT, Radiative Equilibrium in Acoustic Layered Media .....	11, 199

## ELASTIC WAVES

ENGQUIST, One Way Elastic Wave Equations .....	10, 125
ENGQUIST and CLAYTON, Difference Approximations of One Way Waves .....	10, 141
CLAERBOUT and CLAYTON, A Paraxial Equation for Elastic Waves ....	10, 165
CLAYTON and ENGQUIST, Absorbing Boundary Conditions .....	11, 116
CLAYTON and CLAERBOUT, Dispersion Relations for Elastic Waves ...	11, 189

L<sub>1</sub>-NORM AND NON-GAUSSIAN MODELLING

CLAERBOUT, L <sub>1</sub> Norm Program and Test Case .....	1, 272
CLAERBOUT, The Need for L <sub>1</sub> Norm Algorithms for Seismic Decom- position .....	5, 134
CANALES, L <sub>1</sub> Norm Spectral Estimation .....	7, 186
CANALES, Mixed L <sub>1</sub> and L <sub>2</sub> Norm Problems .....	10, 114
CLAERBOUT, Non-Gaussian Signal Analysis .....	10, 76
CLAERBOUT, Exponential Tilt Invariant Solution of Overdetermined Convolution Equations .....	10, 84
CLAERBOUT, LEVITY: Levinson Recursion Reprogrammed .....	10, 90
CANALES, A Quantile Finding Program .....	10, 99
CLAERBOUT, Probability and Entropy of Seismic Data .....	10, 101
CLAERBOUT, IIB: Inverse Incomplete Beta Function of One-Half ...	10, 109
MEHTA, Equalizing Gain on Seismic Sections by Quantiles .....	11, 205

## MISCELLANEOUS

MADDEN, Conductivity of Porosity Relationship in Rocks .....	1, 229
NUR <i>et al.</i> , Seismic Velocities in Porous and Fissured Rocks .....	2, 26
SCHULTZ, A Proposal for Wave Theory Analysis of Statics Corrections ..	2, 236
CLAERBOUT, Curve Fitting in Geophysical Inverse Problems .....	1, 256
CLAERBOUT and MADDEN, Impedance Estimation .....	1, 263
FRIEDLANDER, The "Star Product" in a Wave Propagation Model .....	7, 194
FRIEDLANDER, Downward Continuation of Operators .....	7, 200
BRUNE and CLAERBOUT, Extrapolation of Magnetotelluric Fields .....	1, 189
BRUNE, Final Report on Magnetotelluric Field Extrapolation .....	2, 141
COURTILLOT, Different Approximations to Vertical Derivative Operators in Potential Problems .....	2, 160
COURTILLOT, The Downward Continuation of Sources and Receivers in Resistivity Surveying: Trying to Pose the Problem .....	2, 166
DUNBAR, Terrain Noise Suppression Filter for Magnetic Profiles .....	2, 184
ANDERSSEN, Separation of the Forward and Backward Solutions of the One-Dimensional Wave Equation .....	5, 123
DUNBAR, Variational Principles and Approximate Solutions for the Wave Equation .....	5, 110
RILEY, Description of Plot Tapes .....	1, 369
ARAL, Plot Programs .....	7, 209
KHANNA, Plot Programs .....	7, 216
CLAERBOUT, The Switch to a Minicomputer .....	11, 237



## MIGRATION

ESTEVEZ, Migration Equation Coefficients for an Emergent Angle Frame in Stratified Media .....	2, 85
CLAERBOUT, A Wide Offset Migration Equation .....	2, 56
DUNBAR, The Balanced Two Way Merge Algorithm .....	2, 101
CLAERBOUT, An Explicit Scheme .....	2, 109
STARIUS, An Explicit Scheme for the Equation $Q_{ttz} - c^2_x Q_{xxz} =$ $c(\beta - \alpha\gamma)Q_{xxt}$ .....	2, 114
DUNBAR, X-Outer Migration .....	2, 127
SCHULTZ, A Fast and Accurate Shifting Scheme .....	5, 79
CLAERBOUT, X-Outer Migration Example .....	5, 90
ESTEVEZ, Migration Equation Coefficients for a Shot-Offset Frame in Layered Media .....	5, 95
DOHERTY and CLAERBOUT, Numerical Viscosity-Dip Filtering .....	5, 102
CLAERBOUT, First Problem for Post-Doc .....	1, 82
CLAERBOUT, Slanted Waves in Slanted Frames .....	8, 17
CLAERBOUT, Expansion about Dipping Waves .....	8, 38
ENGQUIST, Well-Posedness of One-Way Wave Equations .....	8, 48
CLAERBOUT, Frequency Dispersion and Wave Migration Accuracy .....	8, 62
LYNN, The Effect of Discrete $\Delta x$ on Wave Migration Accuracy .....	8, 70
ENGQUIST, Difference Approximation of Waves in Slanted Frames .....	8, 96
ENGQUIST, High Order Difference Approximations to the Differential Equation $P_{tz} = [v(x,z)/2]P_{xx} + f(x,z)$ .....	7, 133
CLAERBOUT, Migration in Media with Strong Lateral Velocity Varia- tion .....	8, 1
CLAERBOUT, Anisotropy Dispersion and Wave Migration Accuracy .....	8, 8
CLAERBOUT, 3-D Wave Migration .....	8, 15
ENGQUIST, Migration with Short Computer Word Length .....	10, 1
CLAERBOUT, Absorptive Side Boundaries for Migration .....	10, 10
CLAYTON, Programming Absorptive Side Boundaries for Migration .....	10, 16
ENGQUIST, Absorbing Boundary Conditions for Wave Equations .....	10, 30
BROWN, Inhomogeneous Boundary Conditions for Wave Equations .....	11, 103
CLAERBOUT and CLAYTON, The Stability of Absorbing Side Boundaries..	11, 111
CLAYTON and ENGQUIST, Absorbing Boundary Conditions .....	11, 116
BROWN, Improving the Accuracy of Difference Approximations to the Migration Equation .....	11, 85
CLAERBOUT, How to Transpose a Big Matrix .....	11, 211

## Migration (continued)

CLAERBOUT, Migration with Fourier Transforms .....	11,	3
LYNN, Solution .....	11,	6
LYNN, Implementing f-k Migration and Diffraction .....	11,	9
DA PRAT and LYNN, Migration Examples Using Fourier Transforms .....	11,	29

## MULTIPLE REFLECTION

RILEY, Wave Equation Synthesis and Inversions of Diffracted Multiple Seismic Reflections (Dissertation) .....		3
CLAERBOUT, Noah's Method of Deconvolution by Flooding .....	1,	83
RILEY, One Dimensional Noah's Deconvolution .....	1,	89
CLAERBOUT and RILEY, Calculation of Diffracted Multiple Reflections ...	1,	100
RILEY and CLAERBOUT, Computing Diffracted Multiples .....	1,	106
RILEY, Preliminary Results on Diffracted Multiple Modelling and Removal .....	1,	126
RILEY, Computer Program for Diffracted Multiple Reflections .....	2,	240
CLAERBOUT, Slant Stacks and Radial Traces .....	5,	1
CLAERBOUT, Slant Stacks and Diffracted Multiples .....	5,	13
ESTEVEZ, Preliminary 1-D Slant Synthetics .....	5,	16
ESTEVEZ, Slant Frames in Layered Media .....	5,	20
CLAERBOUT, Slanted Multiple Reflection Calculation .....	7,	1
CLAERBOUT, Multiplets .....	7,	15
CLAERBOUT, Coupled Slanted Waves, Monochromatic Derivation .....	7,	30
CLAERBOUT, Coupled Slanted Beams, Equations for Multiples Program .....	7,	33
CLAERBOUT, Slant Midpoint Coordinates .....	7,	36
KHANNA, Slant Multiple Reflections .....	7,	43
FRIEDLANDER, The "Star Product" in a Wave Propagation Model .....	7,	194
FRIEDLANDER, Downward Continuation of Operators .....	7,	200
ESTEVEZ, 1-D Examples of Slant Synthetics .....	8,	222
ESTEVEZ, Predicting Multiple Reflection Arrivals on Slant Stacks .....	11,	77

## SLANTED COORDINATES

CLAERBOUT, Slant Frames .....	1, 279
CLAERBOUT, Imaging with Refraction Seismograms .....	1, 283
ESTEVEZ and SCHULTZ, Dispersion Relationship for the Slant Frames Approximation .....	1, 287
ESTEVEZ, Slanted Beam Coupling .....	2, 38
CLAERBOUT, Shifting Frames .....	2, 44
CLAERBOUT, A Data Oriented Shifting Frame .....	2, 48
CLAERBOUT, A Reversible Shifting Frame .....	2, 54
CLAERBOUT, A Wide Offset Migration Equation .....	2, 56
CLAERBOUT, The Emergent Angle Frame .....	2, 62
CLAERBOUT, An Expanding Time Scale .....	2, 67
DOHERTY, The Emergent Angle Frame for Sections .....	2, 69
CLAERBOUT, A Shot Offset Frame for Velocity Estimation .....	2, 73
CLAERBOUT, Two Stratified Media Frames .....	2, 78
CLAERBOUT, An Offset Squared Transformation .....	2, 82
CLAERBOUT, Slant Stacks and Radial Traces .....	4, 1
CLAERBOUT, Slant Stacks and Diffracted Multiples .....	4, 13
ESTEVEZ, Preliminary 1-D Slant Synthetics .....	4, 16
CLAERBOUT, Slanted Multiple Reflection Calculation .....	5, 1
SCHULTZ, Preliminary p Stacks .....	5, 102
SCHULTZ, A Stratified Media Slant Frame .....	5, 66
CLAERBOUT, Slant Plane Wave Interpretation Coordinates .....	7, 89
CLAERBOUT, Slanted Waves in Slanted Frames (Dispersion) .....	8, 17
SCHULTZ, Some Practical Aspects of Slant Wave Stacks .....	8, 122
ENGQUIST, Some Numerical Aspects of Stacking .....	8, 149
SCHULTZ, Slant Plane Wave Interpretation Coordinates .....	8, 180
ESTEVEZ, Slant Stacks and Intervals of Optimum Stacking .....	11, 157
CLAYTON, Refracted Body Wave Amplitudes .....	11, 173
CLAERBOUT, Overthrust Imaging Coordinates .....	11, 195

## SOURCE WAVEFORMS

CLAERBOUT, Maximum Entropy Source Waveform Estimation .....	7, 167
ESTEVEZ, Shot Waveform Estimation .....	8, 202
CLAERBOUT, Refined Source Waveform Estimation .....	10, 50
ESTEVEZ, Preliminary Results on Refined Source Waveform Estimation .....	10, 55
CANALES, A Note on Waveform Estimation .....	10, 69
CLAERBOUT, Source Waveform Ambiguity with Surface Reflection Coef- ficient .....	10, 73
ESTEVEZ and FULP, A Look at Direct Arrivals .....	11, 133
FULP, Relating the Direct Arrival to the Shot Waveform .....	11, 147

## TIME SERIES ANALYSIS

RILEY, Predictive Deconvolution Implies the Earthquake Geometry ..	1, 296
CLAERBOUT, Maximum Entropy Source Waveform Estimation .....	7, 167
CLAERBOUT, Spectral Balancing .....	7, 172
KHANNA, Spectral Balancing Example .....	7, 183
CLAERBOUT, Exponential Tilt Invariant Solution of Overdetermined Convolution Equations .....	10, 84
CLAERBOUT, LEVITY: Levinson Recursion Reprogrammed .....	10, 90
CLAERBOUT, Weighted Burg-Levinson Recursion with Noise .....	11, 167
CLAERBOUT, Radiative Equilibrium in Acoustic Layered Media .....	11, 199
TJØSTHEIM, Autoregressive Modelling and Spectral Estimation for Spatial Data: Some Simulation Experiments .....	11, 213

## VELOCITY ESTIMATION

DOHERTY, Structure Independent Seismic Velocity Estimation (Dissertation) .....	4
SCHULTZ, Velocity Estimation by Wave Front Synthesis (Dissertation) .....	9
DOHERTY and CLAERBOUT, Separate Downward Continuation of Shots and Receivers .....	1, 136
DOHERTY, Transformations and Migration Equations .....	1, 141
DOHERTY and CLAERBOUT, Reconciliation of Various Downward Continuous Equations .....	1, 157
DOHERTY and CLAERBOUT, Velocity Analysis Based on the Wave Equation .....	1, 160
CLAERBOUT, Some Speculative Ideas on Velocity Estimation .....	1, 179
CLAERBOUT, Slant Frames .....	1, 279
CLAERBOUT, Imaging with Refraction Seismograms .....	1, 283
ESTEVEZ and SCHULTZ, Dispersion Relationship for the Slant Frames Approximation .....	1, 287
DOHERTY, Migration as a Tool in Velocity Estimation .....	2, 2
DOHERTY, Migration of Common Offset Sections .....	2, 8
DOHERTY, Preliminary Results on Downward Continuation of Multi-Offset Sections and Velocity Estimation .....	2, 17
SCHULTZ, Modeling Diffractions of the Transmitted Wave (A Discussion) .....	5, 43
SCHULTZ, Transmission-Compensated Migration of Vertically Stacked (Plane-Wave) Sections .....	5, 51
SCHULTZ, Preliminary Results on Synthesis and Migration of Transmis- sion-Distorted Vertically Stacked Sections .....	5, 66
CLAERBOUT, Velocity Estimation Recapitulated .....	5, 220
SCHULTZ, A Stratified Media Slant Frame .....	7, 66
SCHULTZ, Estimating the Shifting Function .....	7, 75
CLAERBOUT, Slant Plane Wave Interpretation Coordinates .....	7, 89
CLAERBOUT, Velocity Estimation with Slant Stacks, Part 1 .....	7, 94
SCHULTZ, Preliminary p Stacks .....	7, 102
CLAERBOUT, Migration in Media with Strong Lateral Velocity Variation .....	8, 1
CLAERBOUT, A Brief Derivation of the Dix Theorem .....	8, 166
CLAERBOUT, Migration and RMS Velocity .....	8, 169
CLAERBOUT, Velocity Independent Downward Continuation .....	8, 173

## VELOCITY ESTIMATION (continued)

SCHULTZ, Slant Plane Wave Interpretation Coordinates .....	8, 180
SCHULTZ, Velocity Estimation in Slant Frames I .....	8, 187
CLAERBOUT, How to Measure rms Velocity with a Pencil and a Straight- edge .....	11, 41
LYNN, Lateral Velocity Estimation from Unstacked Data .....	11, 45
MEHTA, Concurrent Migration and Velocity Estimation in a Random, Non- Gaussian Earth .....	11, 61