A 3-D Random Breaking Model for Directional Spectral Waves p. 416
An Analysis of Diffraction in Spectral Wave Models p. 431
A Boussinesq-Type Wave Model with Vertical Shear p. 446
Wave Theory and Statistics III
Wave Elevation Prediction Based on Pressure Measurements p. 461
Statistical Analysis of Long-Term Sea States p. 497
Variations of Breaking Wave Statistics Across the Nearshore Zone p. 510
Statistics for Wave Crests in Heavy Seas p. 524
Remote Sensing II
Global Comparison of ERS-1 SAR with WAM Model Spectra p. 539
Measuring Winds and Waves Using Altimeters p. 552
Comparison of ERS-1 SAR and Altimeter Wave Heights p. 563
Wave Transformation IV
Propagation and Transformation of Nonlinear Shallow Water Waves in Irregular Basins p. 573
Effects of Wave Transformation at a Tidal Inlet p. 585
Energy Dissipation of Low-Crested Breakwaters p. 600
Current Effects on Harmonic Generation and Nonlinear Shoaling of Shallow-Water Waves p. 615
Modeling I
A Non-Stationary, Parametric Coastal Wave Model p. 630
Parameterisation of Numerical Wave Transformations to Derive Joint Coastal Extremes p. 639
Towards a Systematic Verification of Operational Wave Models p. 653
A Kalman Filter for Wave Data Assimilation in WAM p. 668
Wave Climate I
The "Islands' Effect" in Wind Waves p. 683
Wave Climate on the Coastal Area of Taiwan Strait p. 693
Wave Transformation V
The Depth-Inversion Problem in Shallow Water p. 701
A Numerical Wave Tank for Nonlinear Wave Simulations p. 716
Modeling II
Improved Wind-Wave Forecasts for the Great Lakes p. 725
A Wind and Wave Database for the North Atlantic Ocean p. 740
Experimental Modeling of a Rip Current System p. 750
Modelling Nearshore Circulation Under Field Conditions p. 765
A New Global Wave Forecast System at NCEP p. 777
Wave Measurement I
Nonlinear Wave Kinematics from Pressure Arrays p. 787
Use of Embedded Expert Systems in Wave Gages p. 802
Variability in Altimeter Global Wave Climate Data  p. 809
Measurements of Wave Period from Radar Altimeters  p. 819
Field Study on Wave Climate in Wadden Seas and in Estuaries  p. 827
Data Analysis I
Deterministic Analysis of 3D Waves Near Structures  p. 842
Surface Wave Recovery from Subsurface Pressure Records on the Basis of Weakly Nonlinear Directional Wave Theory  p. 869
Directional Distributions in Wave Spectra  p. 883
Modeling III
Eight Years Wave Hindcast at the Coastal Area of the East China Sea and Estimation of Wave Climate  p. 901
Satellite Application to Gulf of Mexico Hindcasts  p. 925
An Extremal Analysis System and Its Application to the Estimation of Extremes of Meteorological and Oceanographic Elements Around the Coasts of Japan  p. 932
Wave Measurement II
Extreme Waves and Coastal Erosion in the Pacific Northwest  p. 947
Wind and Wind Climate of the Black Sea: Progress of the NATO TU-WAVES Project  p. 962
Data Analysis II
Wave Analysis Using New Harmonic Phase Tracking  p. 975
Numerical and Physical Tests on Wave Group Characteristics  p. 991
On the Regular Wave Kinematics  p. 1006
A Proposed Method for Minimizing the Number of Bits Needed To Encode Non-Directional Wave Spectra for Satellite Transmissions  p. 1021
Wave Effects on Inner Shelf Wind Drag Coefficients  p. 1033
Modeling IV
Surface Wind Wave Modeling in Chesapeake Bay  p. 1048
Breakwater Effects in Piraeus Port Wave Climate  p. 1063
Wave Measurement III
Wave Climate and Wave Monitoring in Lower Chesapeake Bay  p. 1076
Near Bottom Velocity Profile Measurements Using the Field Prototype of the BASS Rake Wave Bottom Boundary Layer Sensor  p. 1088
Global Wave Patterns from Recorded Wave Data  p. 1103
Wave Theory and Statistics IV
Irregular Wave Transformation and Undertow for Coastal Structures in a Surf Zone  p. 1115
A Solution to Signal Interference Between Multiple Capacitance Wave Gages in a Small Laboratory Wave Tank  p. 1129
Surf Zone Velocity Field Measurements Using Digital Particle Image Velocimetry (DPIV)  p. 1140
Wave Measurement IV
Wave Measurement Methods in Laboratory Experiments  p. 1155
Comparison of Directional Wave Spectrum Between Buoy Data and SAR Image Data  p. 1167