

List of Forthcoming Articles

- A NUMERICAL SOLUTION TO THE PROBLEM OF DYNAMIC INDENTATION OF AN ELASTIC PLATE BY A RIGID PUNCH. Jacob Aboudi. *Department of Solid Mechanics, Materials and Structures, School of Engineering, Tel Aviv University, Ramat Aviv, Israel.*
- A GENERALIZATION OF THE CAGNIARD METHOD. F. Abramovici. *Department of Mathematical Science, Tel Aviv University, Ramat Aviv, Israel.*
- STRUCTURAL AND VIBRATIONAL BEDROCK PROPERTIES IN SWEDEN. Markus Båth. *Seismological Institute, Box 517, S-751 20 Uppsala, Sweden.*
- SUMMARY VALUE SMOOTHING OF PHYSICAL TIME SERIES WITH UNEQUAL INTERVALS. Bruce A. Bolt, Director. *Seismographic Station, University of California, Berkeley, CA 94720 USA.*
- P-WAVE-TO-RAYLEIGH-WAVE CONVERSION COEFFICIENTS FOR WEDGE CORNERS: MODEL EXPERIMENTS. Anthony F. Gangi. *Department of Geophysics, Texas A & M University, College Station, TX 77843 USA* and Robert L. Wesson. *Office of Earthquake Studies, U. S. Geological Survey, Reston, VA 22092 USA.*
- STABILITY OF FINITE DIFFERENCE SCHEMES FOR THE PROBLEM OF ELASTIC WAVE PROPAGATION IN A QUARTER PLANE. Almoga Ilan. *Department of Physics, The City University, St. John Street, London EC1V 4PB, England.*
- CONTRIBUTION OF SOME PARTICULARITIES IN THE DISPERSION CURVES TO NUMERICAL SEISMOGRAMS COMPUTED BY NORMAL MODES. N. Jobert. *Institut de Physique du Globe, Laboratoire d'Étude Géophysique des Structures Profondes, Université P. et M. Curie, 4 Pl. Jussieu, Paris 5^e, France.*
- THE PATTERN OF EIGENFREQUENCIES OF OVERTONES OF TORSIONAL OSCILLATIONS OF A LAYERED SPHERICAL. E. R. Lapwood. *Department of Applied Mathematics and Theoretical Physics, Emmanuel College, University of Cambridge, Cambridge CB2 3AP, England*, and Ryosuke Sato. *Geophysical Institute, Faculty of Science, University of Tokyo, Tokyo, Japan.*
- NUMERICAL TESTING OF MINIMUM-DELAY, POSITIVE-REAL, AND POSITIVE-DEFINITE DIGITAL FILTERS. Enders A. Robinson and Sven Treitel. *Research Center, Amoco Production Company, Tulsa, OK 74103 USA* and Dan Loewenthal. *Department of Geophysics and Planetary Sciences, Tel Aviv University, Ramat Aviv, Israel.*
- SOME PROPERTIES OF SPHEROIDAL MODES OF A HOMOGENEOUS ELASTIC SPHERE WITH SPECIAL REFERENCE TO RADIAL DEPENDENCE OF DISPLACEMENT. T. Odaka and T. Usami. *Earthquake Research Institute, University of Tokyo, 1-1, Yayoi, Bunkyo-ku, Tokyo, Japan.*