1. Record Nr. UNISA990001854890203316

Autore	RAVEN, John Earle
Titolo	Pythagoreans and eleatics : an account of the interaction between the two opposed schools during the fifth and early fourth century B.C. / J. E. Raven
Pubbl/distr/stampa	Amsterdam : Hakkert, 1948
Descrizione fisica	VIII, 196 p. ; 24 cm.
Collocazione	II.1.A. 507 (IV C 1268)
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia

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Titolo	Nachrichten / Zentralverband der Ingenieurvereine, ZBI
Pubbl/distr/stampa	Berlin, : Zentralverb., 2005-
Disciplina	070 600
Soggetti	Zeitschrift
Lingua di pubblicazione	Tedesco
Formato	Materiale a stampa
Livello bibliografico	Periodico
Note generali	Gesehen am 04.06.12

3. Record Nr. UNINA9910972125003321

Autore	Chace William G
Titolo	Exploding Wires : Volume 2 Proceedings of the Second Conference on the Exploding Wire Phenomenon, Held at Boston, November 13–15, 1961, under the Sponsorship of the Geophysics Research Directorate, Air Force Cambridge Research Laboratories, Office of Aerospace Research, with the Cooperation of the Lowell Technological Institute Research Foundation / / by William G. Chace, Howard K. Moore
Pubbl/distr/stampa	New York, NY : , : Springer US : , : Imprint : Springer, , 1962
ISBN	1-4684-7505-3
Edizione	[1st ed. 1962.]
Descrizione fisica	1 online resource (X, 321 p. 225 illus., 1 illus. in color.)
Disciplina	621.3
Soggetti	Electrical engineering Electrical Engineering
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
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Note generali	Includes index.
Nota di contenuto	General Papers -- Factors Affecting the Time to Burst in Exploding Wires -- Recent Contributions to the Macroscopic Analysis of Conducting Electromechanical Solids -- A Hydrodynamic Explanation for the Anomalous Resistance of Exploding Wires -- Lower-Upper Bounds of Temperatures for Wires Exploded in a Vacuum -- The Electrical and Optical Properties of Rapidly Exploded Wires -- About Distances in the “Characteristic Pattern” of Exploding Wires -- Exploding Wires as a Source of X Rays -- Calorimetric Calibration of the Electrical Energy Measurement in an Exploding Wire Experiment -- Effects of Transmission Lines in Applications of Exploding Wires -- Shock Waves -- Microwave Doppler Measurements of the Ionization Front in Cylindrical Shock Waves from Exploding Wires -- Electrical Generation of Imploding Shock Waves -- Blast Waves Produced by Exploding Wires -- Exploding-Wire-Driven Shock Waves -- Shock Waves from Exploding Wires at Low Ambient Densities -- Applications -- The Use of Exploding Wires in the Study of Small-Scale Underwater Explosions -- Studies of Metal—Water Reactions by the Exploding Wire Technique -- Pressure Environments Created by Wires Exploded in Water -- An Exploding Wire Hypervelocity Projector -- Exploding Foils

-- High-Speed Cinemicrographic Studies of Electrically Exploded Metal Films -- Exploding Foils—The Production of Plane Shock Waves and the Acceleration of Thin Plates -- Acceleration of Thin Plates by Exploding Foil Techniques -- Aerosols from Exploding Wires -- Author Index for Volumes 1 and 2 -- Subject Index for Volumes 1 and 2.

Sommario/riassunto

This volume contains the proceedings of the Second Conference on the Exploding Wire Phenomenon. In addition to the general theory of exploding wires, this conference considered exploding wire shock waves; the generation by exploding wires of extreme tem-peratures, X-rays, and very high pressures; instrumentation prob-lems in wire explosions; and, for the first time, exploding foils. Sponsored by the Geophysics Research Directorate of the Air Force Cambridge Research Laboratories, this symposium was held in Boston, Massachusetts, on November 13 and 14, 1961. To fill a definite need for ready access to information, Volume Two of Exploding Wires contains a comprehensive index which should facilitate the use of both volumes on the exploding wire phenomenon. It is not possible to express full appreciation to all those whose generous assistance made the Second Conference and this volume possible. It is certain, however, that without the cooperation of Dr. John N. Howard, Laboratory Chief, and Mr. Morton A. Levine, Branch Chief, there could have been no conference. Special acknowledgment goes to the Staff of the Hydromagnetics Laboratory for its invaluable aid: to Mrs. William Watson for exceptional secretarial work; to Mr. E. H. Cullington for technical assistance; to Mr. C. V. Fish for drawings, graphs, and art work; and to Mr. K. R. Saari for photography. Particular gratitude is due to Mr.