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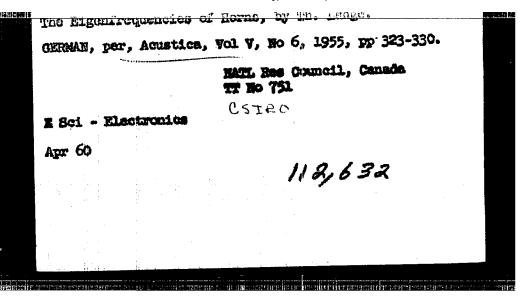
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Sci - Physics Jan 57 C15

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Sound Propagation in Liquid-Filled Small-Bore Tubes, by H. W. Helberg.
GOVERNMENT USE ONLY
GERMAN, per, Acustica, Vol 5, 1955, pp 267-368.
\*Dept of Navy NRL Trans No 1135

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Acoustical Calibration Standards, by F. Spandock, 17 pp.

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Hertz, C. H. and Edler, I.

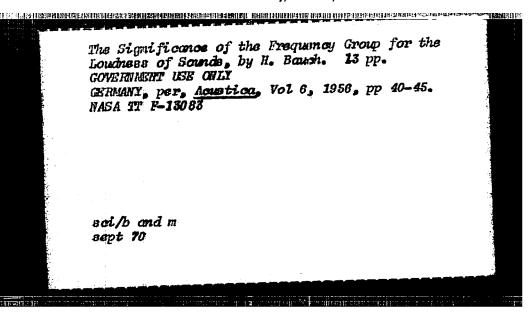
THE RECORDING OF THE MOVEMENTS OF THE HEART WALLS USING THE ULTRASONIC IMPULSE METHOD (Die Registrierung von Herzwandbewegungen mit Hilfe des Ultraschall-Impulsverfahrens). [1962]
[14]p (foreign text included) 12refs
Order from SLA \$1.60
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Trans. of Acustica (Switzerland) 1956, v. 6, p. 1-4.

DESCRIPTORS: \*Medical equipment, Motion, \*Heart, \*Ultrasonic equipment, Medical examination.

Using the ultrasonic reflectoscope the position of the heart walls in the human body can be located by placing the quartz crystal of the ultrasonic reflectoscope on the chest of the patient in such a way that the sound passes between the ribs and falls upon the heart region to be investigated. Further, with the help of a special (Biological Sciences--Medical Specialties, TT, v. 10, no. 10)

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FOR GOVERNIENT USE ONLY
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Two-Port Equivalent Circuits for Electromechanical Transducers, Part II, by
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pp 303-316. P500057467
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On the Sound Production by Periodic Short
Pressure-Pulses With Relation to the Sensation
of Loudness, by H. Bauch. 31 pp.

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GERTAN, per, Acustica, Vol 6, 1956, pp 494-511.

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AUDITORY DIFFERENTIAL INTENSITY IN THE PRESENCE OF A CONTRALATERAL TONE OF THE SAME FREQUENCY. [1963] [27]p. 5 refs.
Order from SLA \$2.60

Trans, of Acustica (Switzerland) 1957, v. 7, p. 75-8).

DESCRIPTORS: \*Audiometry, \*Hearing, \*Thresholds (Physiology), Attenuation, Attenuators, \*Ear, Sensory mechanisms) Sound, Tests, Measurement.

Variations in the intensities received at one ear are measured while a steady tone of the same frequency is measured at the other ear. Examination of the response curves and their slopes in the middle portion, as well as of the differential thresholds, shows that there is always an attenuation in differential sensitivity. This phennomenon will be the more pronounced, the higher the intensity of tone on the other ear. It can be assumed that this effect is of cortical origin and is, perhaps, a question of contrast. (Author)

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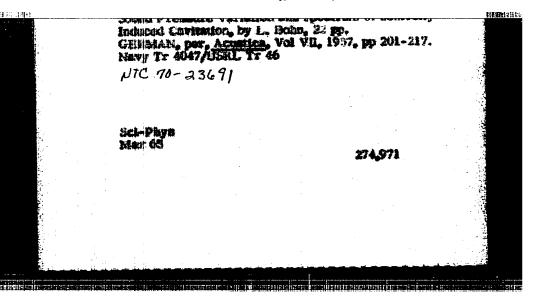
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Wave Impedance and Specific Impedance in Acoustics, by
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G. Laville, Th. Vogel.
GERMAN,
FILLIN, per, Acustics, Vol VII, 1957, p 101.

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Ultrasonic Surface Cleaning, by J. Claf.

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1957, pp 2513-263.

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Calibration of Hydrophones at Infrasonic Frequencies, by O. Brandt, UNCLASSIFIED GENERAL PROPERTY POR Acustica, Vol VIII, No 1, 1958, p 31.

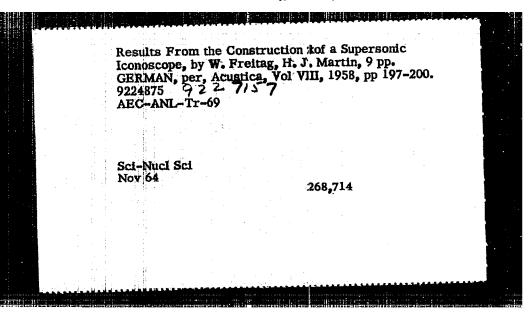
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EXEMPT, Acustica, Vol VIII, 1958, p 102ff.
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Converter, by W. Preitag, H. J. Martin, 7 pp.
GERMAN, per, Acustica, Vol VIII, 1958,
pp 197-200.

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Investigations on the Influence of Eigenresonances of Rooms on the Results of Sound Insulation Measurements, by M Heckl.

GERMAN, per, Acustica, Vol 8, No 4, 1958, pp 212-220

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Kuttruff, H.
PROPERTIES AND ANALYSIS OF REVERBERATION
CURVES, [1961] 11p. 9 refs.
Order from SLA \$1.60 61-20535

Trans. of Acustics (Switzerland) 1958, v. 8,
p. 273-280.
Another trans. is available from ATS \$14.80 as
ATS-90N52G [1961] 11p.

DESCRIPTORS: Vibration, "Sound transmission,
Acoustics, "Reverberation phenomena in enclosed spaces is given and hence the characteristic bending of reverberation curves is predicted. The slope at the commencement of such a curve is shown to be proportional to the weighted arithmetic mean of the damping factors of all the relevant natural vibrations.
(Physics—Acoustics, TT, v. 7, no. 1) (over)

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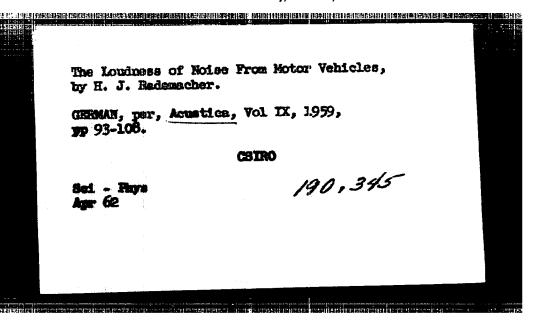
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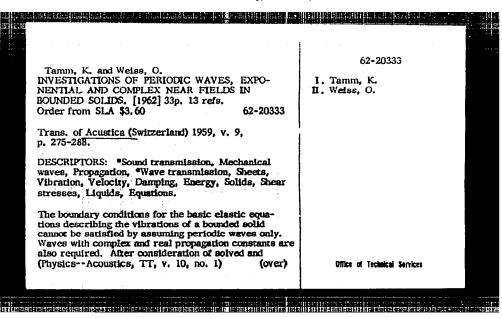
Sound Radiation From Point Driven Hollow
Cylinders, by Von M. Heckl.

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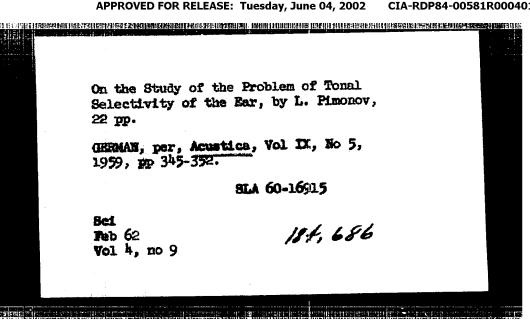


An Ultrasonic Rediator for Flav Detection With Improved Hear Field, by K. von Heselberg, J. Erauthraner. UNCLASSIFIED Serman NUMBER, par, Aquetica, Rek No 2, 1959, p 359.

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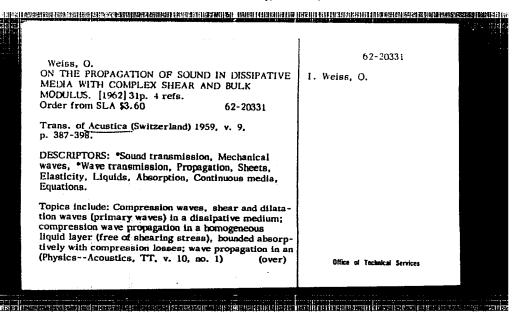
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GERMAN, per, Acustica, Vol X, 1960.

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Modes of Vibration of Cylindrical Disks of Barium Titanate Ceramic, by G. Schmidt.

EUROPEAN, per, Acustica, Vol 10, 1960, pp 30
NTC-71-11744-20A

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Investigation of Orthotropic Sheets, by M. Heckl.

GERMAN, per, Acustica, Vol 10, 1960, pp 109-115.

NTC-71-11900-20A

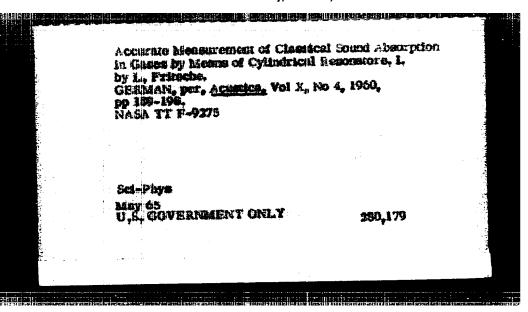
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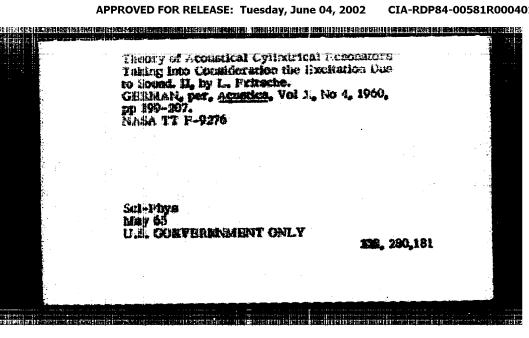
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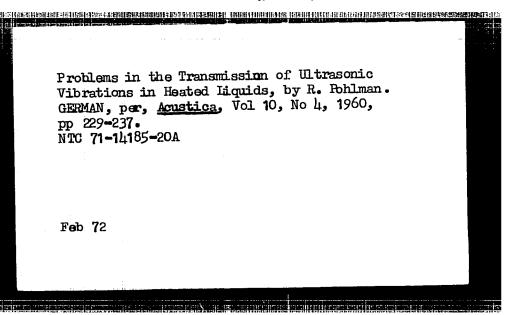
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The Construction of an Anechoic Tank for Undervater Sound Measurements, by E. Mayer, W. Schile, K. Tann.

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CIA-RDP84-00581R0004 Case Corpurations Concerning the Optimal Soner Exequency, by H. Timede. GERMAN, per, Acustica, Vol XI, 196k, p 41. Navy 2874/UERL 19 Sci - Electronics, Phys 170.991

Tamm, K. and Weis, O.
WAVE PROPAGATION IN INFINITELY EXTENDED
DISCS AND IN DISC STRIPS. [1962] 25p. 4 refs.
Order from SLA \$2.60 62-14437

Trans. of Acustica (Switzerland) 1961, v. 11 [no. 1]
p. 8-17.

DESCRIPTORS: "Mechanical waves, "Wave transmission, Distortion, Reflection, Attenuation, Velocity, Disks.

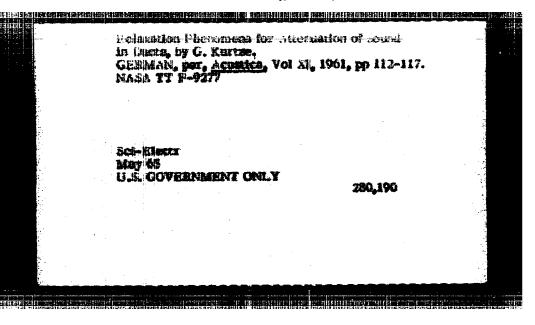
An analysis shows that the same wave types occur in disks as in the case of secondary waves with plane distortion field. In disks the dilatational wave that is without rotation in xyz is replaced by the extensional plate wave, free of rotation only in xy, which formally has the same properties in disks as the dilatational wave that he same properties in disks as the dilatational wave, the extensional plate wave is of course a combination of a shear wave and a dilatational wave. (Author)

62-14437

I. Tamm, K.
II. Weis, O.

(Physics - Wave Propagation, Tr. v. 9, no. 6)

Office of Technical Services

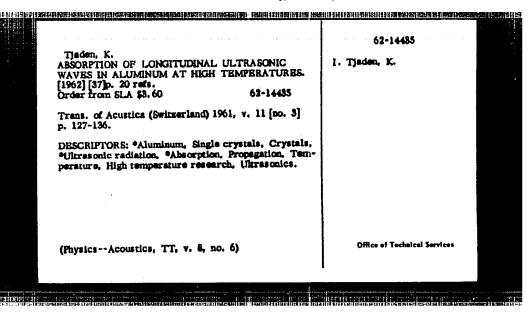


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TRANSFER FUNCTIONS OF PIEZOELECTRIC TRANS-MITTERS AND RECEIVERS FOR SEISMIC MODELS. [1962] 13p. 7 refs.
Order from SLA \$1.60

Trans. of Acustica (Switzerland) 1961, v. 11, no. 3, p. 121-126.

DESCRIPTORS: \*Seismic waves, Models (Simulations), \*Wave transmission, \*Piezoelectric crystals, Ultrasonics, \*Acoustics.

The transfer functions on transmission and reception are calculated for cylindrical piezoelectric pellets vibrating parallel to their axes. It was possible to define the initial electric pulses and to determine the acoustical impedances of materials to be applied to the surfaces of the pollets in order to obtain pulses of desired form. (Acttor)
(Earth Sciences -- Seismology, TT, v. 9, no. 6)



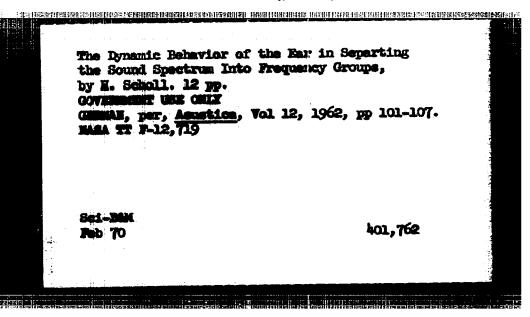
Ostinger, R. sad Hauser, H.
AN ELECTRICAL NETWORK FOR THE INVESTIGATION OF THE MECHANICAL VIBRATIONS OF THE INNER EAR. [1961] 26p.
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DESCRIFTORS: \*Ear, \*Vibratica, \*Electrical networks, Recording devices, Physiology.

(Biological Sciences--Physiology, TT, v. 7, no. 3)

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A Test Sound Source for Broad-Band Microphones for the Measurement of Sound Pulses in Liquids, by W. Risenmenger, 14 pp.

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Grisch, per, Acustics, Vol 12, No 3, 1962.

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Electromagnetic Generation of Plane Pressure
Pulses in Fluids,by W. Eisenmenger.
GERMAN, per, Acustica, Vol 1, 1962, pp 185-202.
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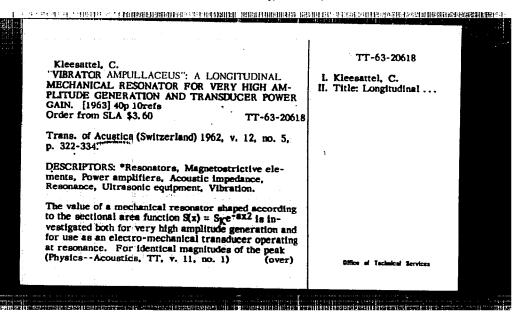
Terminal Impedance of Resonant Cylindrical Tubes, by J. Guittard.

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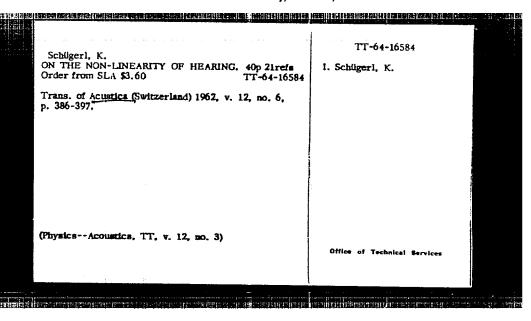
Sci - Phys Aug 63

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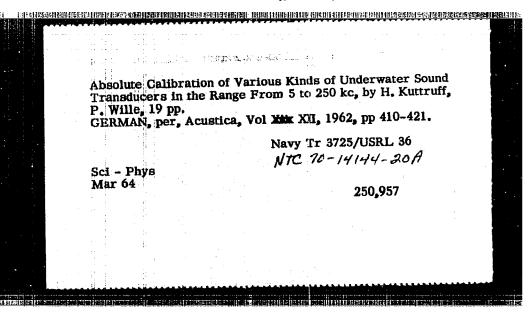


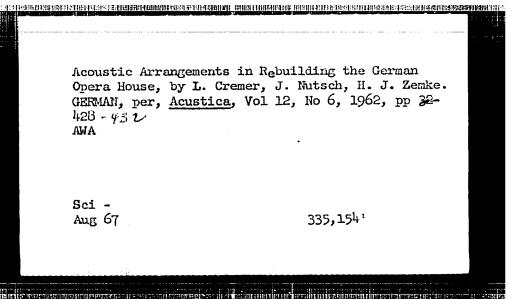
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CIA-KDP84-00581R0004 Pressure Chamber Methods for the Meansurement of Accustical Impedances of Small Objects : (microphones) in Idenida, by M. Hand, H. Kuttruff, 11 pp. GERMAN, per, Acustice, Vol XII, 1962, pp 404-410. Mary Tr 3530/USEL 33 NSTICTR 1559 (9223385) Sci - Phys





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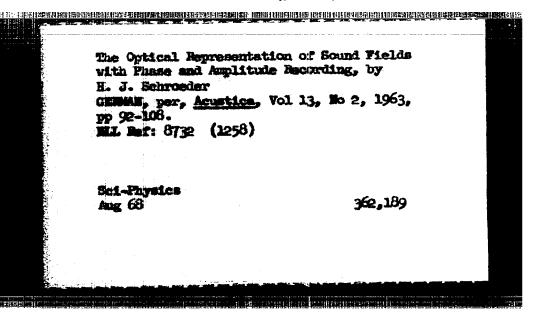
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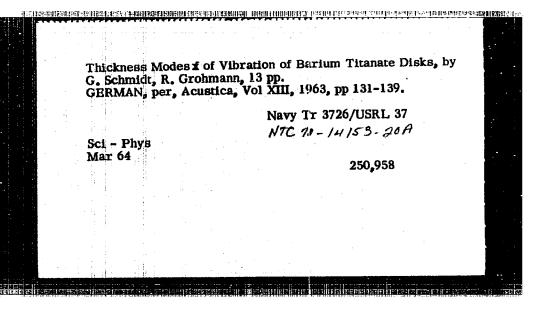
Schroeder, J. H.
OPTICAL REPRESENTATION OF SOUND FIELDS
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Order from SLA \$2.60

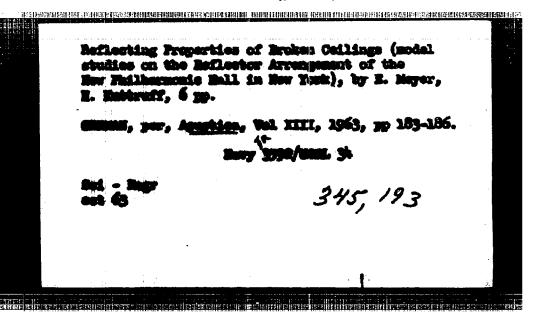
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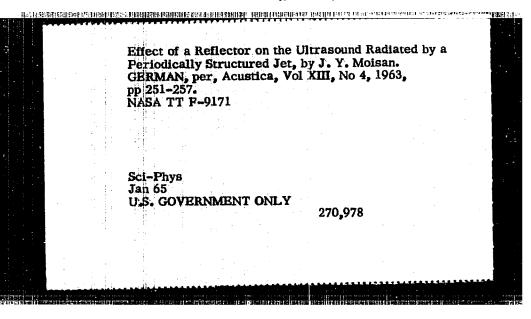
Trans. of Acustica (Switzerland) 1963, v. 13, no. 2, p. 92-108.

DESCRIPTORS: \*Sound signals, \*Phase measurement, \*Pulse height analyzers, \*Recording systems, \*Optical equipment, Photographic recording systems, Acoustic equipment, Transducers (Acoustic).

Office of Technical Services



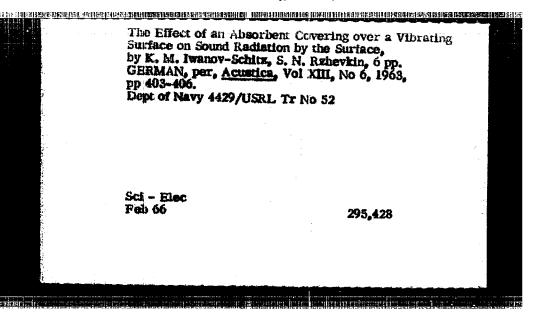


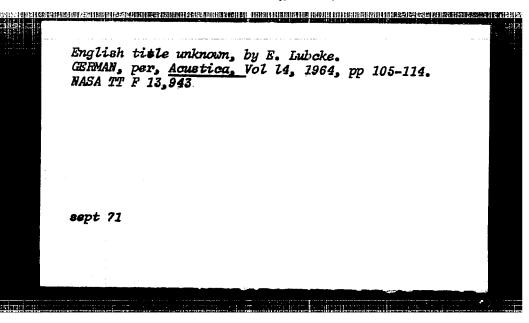


The Effect of An Absorbent Covering Over a Vibrating Surface on SOund Radiation from the Surface, by K.M.Iwanov-Schitz.

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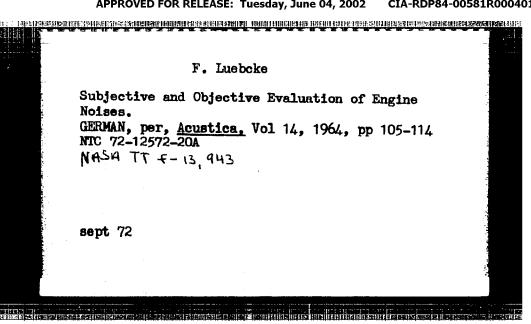
Untersuchungen zur Akustischen Beeinflussung

der Stromungsgrenzschicht in Luft

Author: F. Mechel und W. Schilz Source: Acustica, Vol. 14 (1964)

Language: German

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Experimental Determination of Shock Front Thickness From the Acoustical Frequency Spectrum of Electromagnetically Generated Shock Waves in Liquids in the Shock Pressure Range From 10 atm to 100 atm, by W. Eisenmenger, 32 pp. GOVERNMENT USE ONLY GERMAN, per, Acustica, Vol 14, No 4, 1964, pp 187-204. Dept of Navy NRL Tr 1213

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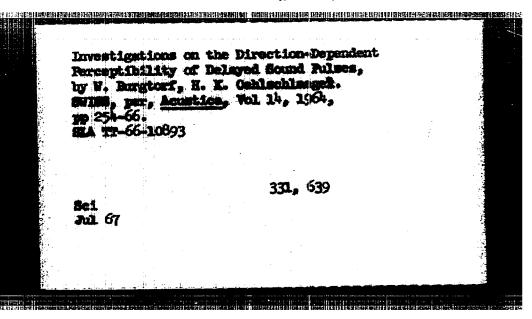
Effects of Noises on Vigilance as a Function of Their Physical and Psychophysiological Characteristics, by A. Wisner C. Tarriere.

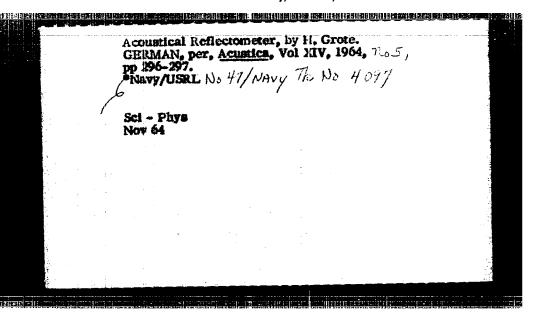
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Comparison of Measurements of Room Acoustics on Models and in the Actual Room Demonstrated on the Example of the Kosmos Cinema in Berlin, by H. Winkler.

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Halls and Theatres, by W. Kuhl.
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Sci Jul 67
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ANTI- TERRORIST FACTION OF VENEZUELAN COMMUNIST PARTY DRAFTS MANIFESTO, 8 PP.

SPANISH, PER, A. D. 8 DEC 1962, P 24.

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CIA-RDP84-00581R000401140015-2

APPROVED FOR RELEASE: Tuesday, June 04, 2002

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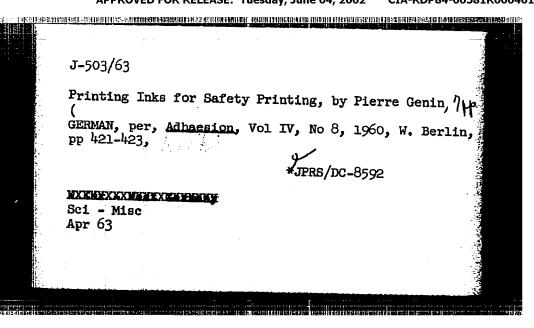
Items of Interest From Everywhere, 3 pp.

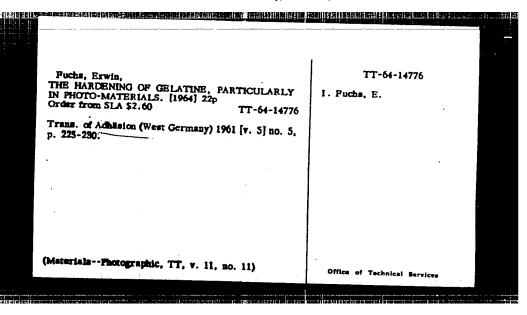
CZECH, per, Adelovaci Technika, No 11, 1959, pp 424, 430.

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Sizing Materials for the Textile Industry, by E. Freizer.

GERMAN, per, Adhesion, Vol V, No 10, 1961, pp 505-512.

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Sizing Vaterials for the Textile Industry, by
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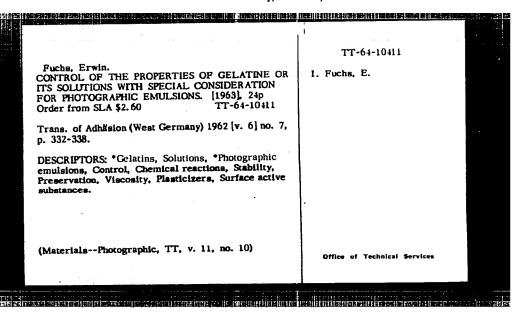
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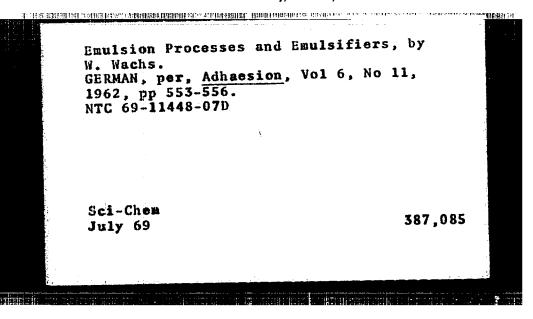
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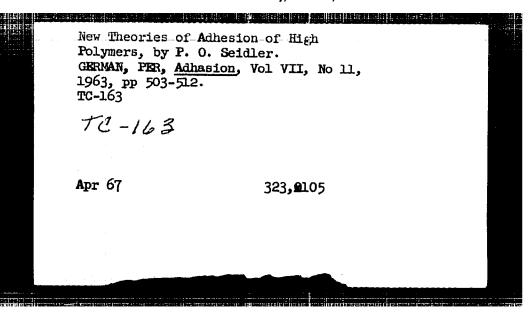
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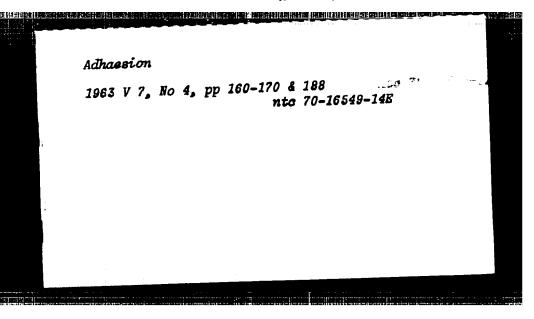
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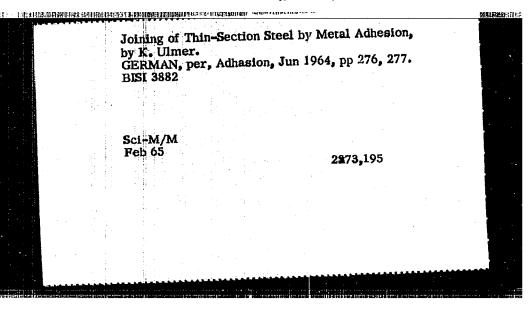


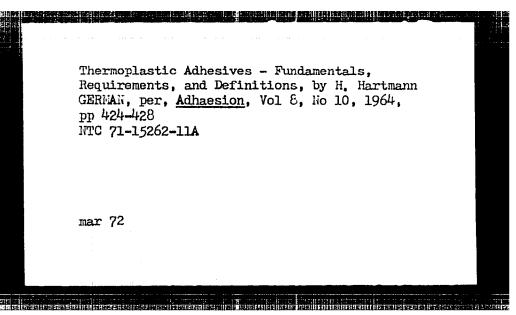


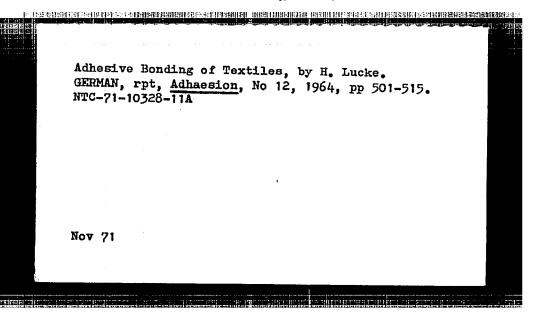
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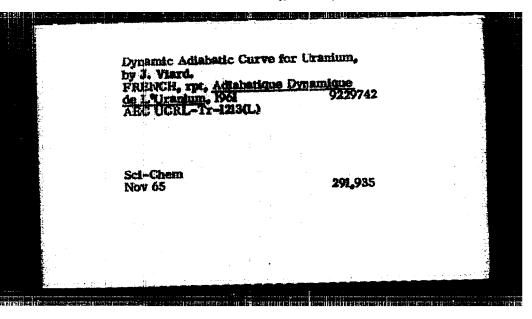
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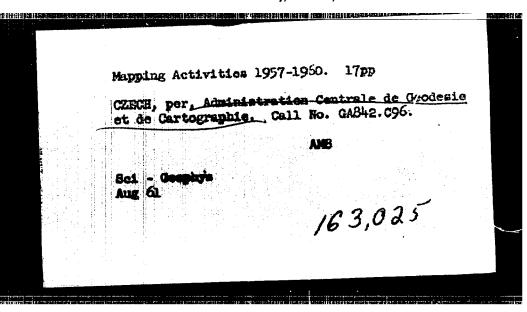
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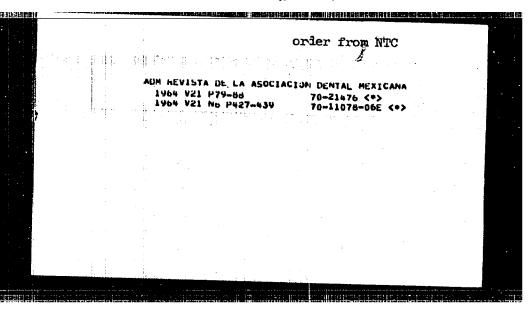
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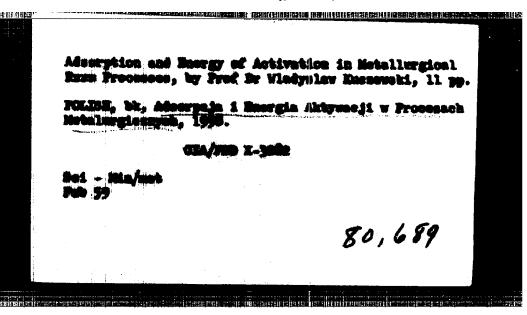
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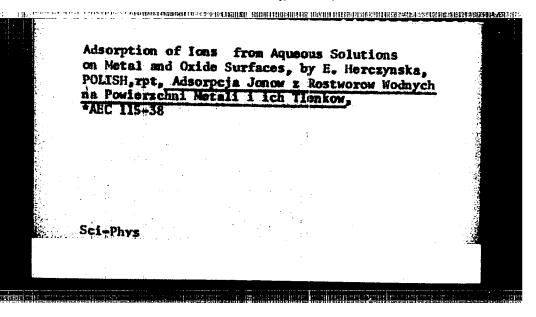
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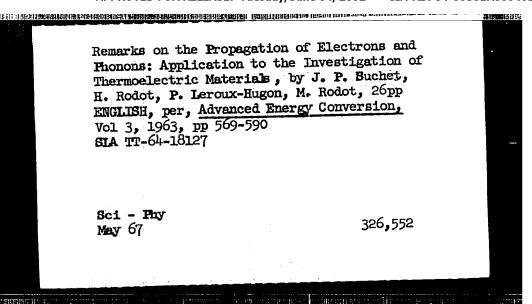
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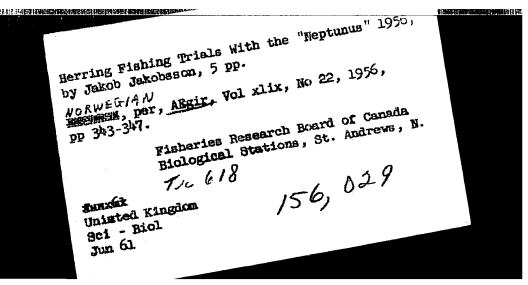
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