

Constituent Congress of the Union of Ivorian Students,
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JPRS 25949

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FRENCH, per, Fraternite, 4 Dec 1964, p 12.
DIA LN 308-66

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The Future Abidjan University Hospital
Center, Twelve Stories, More than 500
Beds. 3p.
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GERMAN, rpt, Fraunhofer-Gesellschaft fur Foerderung der
Angewandten Forschung E.V., Aug 1961.

JPRS/D NY-6943

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A DISCUSSION OF THE SPICULES ON THE SUN.

[1962] [10]p. (refs. omitted).

Order from SLA \$1.10

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Trans. of Fraunhofer Institut. Mitteilungen (West
Germany) no. 38 [Reprinted from Zeitschrift für
Astrophysik (Germany). 1959, v. 47, no. 3,
p. 191-197]

DESCRIPTORS: Sun, Physical properties, *Sunspots,
Spectrographic analysis, Extraterrestrial topography.

I. Bruzek, A.

(Astronomy--Astrophysics, TT, v. 10, no. 2)

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Bruzek, A[nton]

ABOUT THE RELATIONSHIP OF FLARES AND MAGNETIC FIELD STRUCTURE. [1962] [15]p. (refs. omitted).

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(West Germany) no. 42 or 46[sic] [Reprinted from
Zeitschrift für Astrophysik (Germany) 1960, v. 50,
no. 4, p. 110-120].

DESCRIPTORS: *Magnetic fields, *Solar flares,
Sunspots, Solar disturbances, Structures, Analysis.

(Astronomy--Astrophysics, TT, v. 10, no. 1)

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I. Bruzek, A.

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Fread, Ferite, Ver, Locate, Comde, by J. L. Mouglin, *SM*

FRENCH, document, ~~Fread, Ferite, Ver, Locate,~~
Comde, 1964, 4 pp.

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tionsdiagpostik des Herzens" - Springer Verlag
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Production and Properties of Shell-Moulded Sands
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Part I, pp 227-238.

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GERMAN, per, Freiberger Forschungshefte
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Vol XVII, 1953, pp 29-37.

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Baar, A.
CONTRIBUTION TO THE EARTH-MECHANICS AT
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Order from SLA \$1.60 63-16267

Trans. of Freiburger Forschungshefte. [Reihe] A.
[Bergbau] (West Germany) 1953, 12 July, p. 41-49.

DESCRIPTORS: *Earth, *Mechanics, *Mining engineer-
ing, *Salts, Pressure, Deformation, Plasticity,
Elasticity, Rock (Geology), Potassium compounds,
Magnesium compounds, Supports, Geology.

(Earth Sciences--Geology, TT, v. 10, no. 4)

63-16267

I. Baar, A.

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Material Balance of High-Pressure Hydro-
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Vol XXXIII, 1954, pp 5-12.

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No 23, 1954, pp 90-101.

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Theoretical Basis of the Improvement of the Quality
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GERMAN, per, Freiberger Forschungen, ~~XXXX~~
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I. Petrzela, L.

Trans. of Freiburger Forschungsh[efte, Reihe] B.
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p. 218-267.

DESCRIPTORS: *Castings, Molding, *Molding
materials, Hardening, Foundries.

(Metallurgy, TT, v. 9, no. 8)

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The Technical Manufacture of Calcium Metal. I.
Electrolytic Processes, by Guenther Wehner, 25 pp.
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Removing Oil From Phenosolvan Extracts; The Principle
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II. DISTILLATION PROCESSES. [1962] [14]p. 1 ref.
Order from SLA \$1.60 62-20078

Trans. of Freiberger Forschungshefte. [Reihe] B
Hüttenwesen[metallurgie] (West Germany) 1956, v. 17,
p. 34-49.

DESCRIPTORS: *Calcium, Metals, Purification,
Distilling plants, Production, Reduction.

(Engineering--Chemical, TT, v. 9, no. 10)

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I. Seliger, H.
II. Title: Distillation...

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Production of Rolling Mill Rolls From Magnesium-
Treated Spheroidal Graphite Cast Iron, by Koros.

GERMAN, per, Freibergische Forschung, Section B,
No 7, May 1956, pp 80-108.

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Sci - Min/met
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Production of Metallurgical Coke From Hard Coal,
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GERMAN, per, Freiburger Forschungshefte, Dec 1957,
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APPLICATION OF STATISTICAL PROPERTIES OF
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Order from SLA \$1.60

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p. 5-19.

DESCRIPTORS: *Geophysics, *Geophysical prospecting,
*Electric currents, Statistical data, Probability.

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I. Kunetz, G.

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Methods of Geomicrobiology, by W. Schwartz,
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1958, pp 1-39.
NASA TT F-9784

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[1963] [138]p. (figs. omitted) 62 refs.
Order from SLA \$10.50 63-16268

Trans. of Freiburger Forschungshefte, [Reihe] A.
[Bergbau] (West Germany) 1958, v. 100, 148p.

DESCRIPTORS: *Mining engineering, *Supports,
Stability, *Salts, Rock (Geology), Earth, Pressure,
*Rupture, *Deformation, Creep, Elasticity, Plasticity,
Geophysics, Potassium.

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~~11-24-259~~ pp 241-258.

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Forces, Moments and Stresses in Rolling Mills.
An Investigation of Vibration, by R. Liebold.

GERMAN, per, Freiberger Forschungshefte, B 48,
Metallformung, 1960, pp 5-25.

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GERMAN, per, Freiburger Forschungshefte, B 48,
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[Hüttenwesen Metallurgie] (West Germany) 1960, v. 48,
p. 130-141.

DESCRIPTORS: *Aluminum alloys, Zirconium alloys,
*Forging, Extrusion, Crystallization.

(Metallurgy--Nonferrous Metals, TT, v. 6, no. 6)

61-22765

- I. Beyer, B.
- II. Seliger, H.
- III. MT Trans-117
- IV. Tollemache, M. de O.
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Requirements of Metallurgical Coke in Blast Furnace
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Sci - Engr

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The Newly Developed Pressure-Gas Generator With
a 4-Metre Shaft, by H. Rieschel, H. Sonntag.

GERMAN, per, Freiberger Forschungshefte, A 159,
Jul 1960, pp 38-55.

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State and Success of Extracting Safety Pillars
Under Valuable Structures in Poland, by S. Knothe.

GERMAN, per, Freiberger Forschungshefte, A. 146,
Feb 1960, pp 177-194.

NCB A.1899
P.550

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Natural Frequencies of a Multi-Shaft
Torsion System Taking into Account the
Mass of the Torsion Shafts, by R. Liebold.
GERMAN, per, Freiberger Forschungsh, B61,
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BISI 4392.

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GERMAN, per, Freiburger Forschungshefte,
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THE DIRECT CURRENT DIPOLE METHOD OF GEO-ELECTRICAL PROSPECTING (Das Gleichstromdipolverfahren für Geoelektrische Prospektion). [1963] [155p] 52refs

Order from SLA \$11.50

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Trans. of Freiburger Forschungshefte. [Reihe] C. 77 [Geo-Wissenschaften] (West Germany) 1961, v. 114, 98p. (Abstract available)

DESCRIPTIONS: *Geophysical prospecting, Electric fields, Electrical properties, Direct current, Dipole antennas, Resistance (Electrical), Equations, Theory, Geophysics

Topics include: dipole arrangements; theoretical bases; method of actual embodying the dipole sounding; examples for the practical application of the dipole methods; advantages and disadvantages of the dipole method in comparison to the AMNB method.

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1. Title: Electrical prospecting
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DEVELOPMENT OF A HYDROMECHANICAL TRANSPORTING SYSTEM BY EVALUATING AVAILABLE EXPERIMENT RESULTS. [1963] 13p. (figs. omitted).
Order from SLA \$1.60
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Trans. of Freiburger Forschungshefte. Reihe] A. [Bergbau] (West Germany) 1961, v. 222, p. 51-60.

DESCRIPTORS: *Conveyors, *Hydraulic systems, *Pipelines, Design, *Jet pumps, *Centrifugal pumps, Economics.

The systems are described, which were designed by evaluating experimental results; and questions of economics are treated. Especially pointed out are the labor saving features, the substantial savings in manpower, and the factors, which increase the output.
(Author)

(Machinery--Transport, TT, v. 10, no. 7)

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Contribution to the Decoxidation of Open-Hearth Melts
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H. W. Fenzke.

GERMAN, per, Freiberger Forschungshafte, No B44,
Jun 1961, pp 92-103.

BISI 2842

Sci - Min/metals

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Casting Temperatures and Casting Output in the
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1961, pp 104-115.

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Sci - m/m

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BISI 2841

Sci -- Chem

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The Natural Frequencies of a Multi-
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by R. Liebold.
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Vol B61, 1961, PP 5-17.
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NTC 69-10931-07A

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GERMAN, per, Freiberger Forschungshefte, B 68, 1962,
pp 5-18.

RISI 3192

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GERMAN, per, Freiburger Forschungshefte, B 68,
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Sci - M/M, Electron
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BISI 3051

Sci - M/M
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Deformation Resistance of Steels to Hot Working
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Oxide Inclusions in Liquid and Solid Steel, by
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Sci - M/N
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~~Recent~~ Recent Developments in the Gasification of Solid
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Determination of the Quantity of Retained Austenite
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Sci - Mar/M^ent
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Operational Experiences and Test Results With
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Recent Observations on the Effect of Hydrogen in
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Sci - Mat/Met
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BISI 4851

Sci-MEM
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Investigation of Lubricants for the
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GERMAN, per, Freiberger Forschungsh.
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Sci-M/M
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A new Roll Groove Design for Cold
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Sci/M&M
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Sci - Materials
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Influence of Reversal on the Texture of Cold-
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NTC 71-14644-11F

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Direct Production of Steel with Gases,
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Treatment of Cinder Produced During Smelting
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Comparison of the Flotation Behavior of Sylvite,
Rock Salt and Quartz With n-Alkylamines,
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GERMAN, per, Freib Forsch, Vol ACCCXXVI,
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Position and Development of Belt Conveyance
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Operations in Brown Coal Open Cut Mines, by
R. Matthes.

GERMANY, per, Freiberger Forschungsht. A. Vol 333,
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Improvement in the Resistance to Moisture
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Petroleum Distillation Residues, by J
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New Developments of the Metalloorganic and
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GERMAN, per, Freiburger Forschungsheft Reihe
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Sci-Prop & Fuels
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Experimental Operation of a Combined
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ID 2204049666

Sci-Materials
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1963, pp 53-90.
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