

H. Schmittlein

Transfer Function of a Pilot During a
Continuous, One-Directional Perturbation of the
Lateral Motion of an Aircraft, by H. Schmittlein.
ENGLISH, mono, Doctoral Dissertation presented
at the Darmstadt University, 1965.
NTC 71-14036-01B

Feb 72

E. Schmidtke

Theory of Slit Tones, by F. Kruger, E. Schmidtke, 13 pp.

GOVERNMENT USE ONLY

GERMAN, per, Annalen der Physik, Series IV, Vol 60,

pp 701-714.

ARM/PTC/HT-23-A12-72

JUNE 72

101
Collimator Diffraction Filters and Their Applications in Physical Space Research, by
G. Schmidtke.
GEMM, rpt, Research Report W 68-77, Space
Research Freiburg Univ, Dec 1968, pp 1-65.
NLL Ref:9091.9F (CFO/683)

G. Schmidtke

Sci-Space Tech
Feb 70

401,469

Soller Aperture Systems as Collimators and
Diffraction Filters, by G. Schmidtke. 11 pp.
GOVERNMENT USE ONLY

GERMAN, per, Zeit Angew Physik, Vol 25,
No 5, 1968, pp 314-318.
NASA TF F-12,352

G. Schmidtke

Sci-Phys
Nov 69

395,556

42
Transfer Function of a Pilot During
a Continuous, One-Directional Perturbation
of the Lateral Motion of an Aircraft, by
H. Schmidtlein.

GERMAN, rpt, 1965,
NASA TT F-10,438

H. Schmidtlein

Sci-Aeronautics
Mar 67

320,365

Isothermal Martensite Formation in Fe-Ni-C Alloys,
by E. Schmidtman.

GERMAN, per, Arch. Eisenh., Vol 38, Aug 1967.
pp 639-645.

*DISI 6222

Sci/Mat
Mar 68

E Schmidtman

58
Isothermal Martensite Formation in Iron-
Manganese-Carbon Alloys, by
E. Schmidtman.
GERMAN, per, Arch. Eisenh., Vol 38, August
1967, pp 639-645.
BISI 6222

Sci/Materials
Jan 69

353,150

E. Schmidtman

98

**Effect of Hydrostatic Pressure of up to
34 MPa on Diffusion in the Cobalt-Nickel and
Iron-Nickel Systems, by E. Schmidtman,
K. H. Brosser.**

**GERMAN, Archiv Eisenhüttenwesen, No 39,
1968, pp 469-476.**

ILL. Ref: 9082.402 (746-7)

E. Schmidtman

**Sci/Int
May 69**

321,005

95
Investigations into the Manufacture of High-
Strength Round Steel Chains by the Pressure
Butt-Welding Process, by E. Schmidtman, R.
Schumann.

GERMAN, par, Schweißen und Schneiden, Vol 19,
No 8, 1967, pp 352-361.

NLL Ref: 5828.A5 (710)

E. SCHMIDTMANN

Sci-Tech
Aug 68

361.742

Studies of Deformation by Plastic Shock of Austenitic Single Crystals, by E. Schmidtman
GERMAN, per, Appl. Phys., Vol 37, Dec 1966,
pp 971-980
DISI 5541

67
68

E. Schmidtman

Gaur
Sci/H
Oct 67

34177

68
Failure Times of Tensile Test Bars of a Tube
Steel, in Gases and Solutions Containing
Hydrogen Sulfide, by H. Schenck, E. Schmidtman,
H. F. Klarner.
GERMAN, pat, Stahl Und Eisen, Vol 87, No 3,
1967, pp 136-146.
MB 7166

E. Schmidtman

Sci - Mech
Aug. 67

338,591

86
87
Investigation of the Transformation Behaviour of
Iron-Nickel Alloys by Damping Measurements
in the Region of 1 Cycle/Sec, by E. Schmidtman.
GERMAN, per. Arch Eisenh. Vol 37, Jul 1966,
pp 561-567.
BISI 5535

Sci-at
Mar 68

349,262

E. Schmidtman

Processes Taking Place During the Explosive ⁷⁹
Welding of Metals, by E. Schmidtman, et al.
GEBRA, per, Arch. Eisenh., Vol 36, Sep 1965,
pp 667-676.
BISI 4582

E. SCHMIDTMAN

Ex-Germany
Sci/Eng
Apr 66

298,400

92

Effect of Rate of Deformation and Test
Temperature in the Range 20 -150°C on the
Stress-Strain Curve of Pure Iron and Iron
Nickel Alloys, by E. Schmidtman et al.
GERMAN, per, Arch. Eisenh., Vol 36,
Sept 1965, pp 415-422.
BISI 4674

E. Schmidtman

Sci-H&M
May 66

299,755

Investigation of the Decomposition of Martensite in
the First Stage of Tempering by Measuring the Elasticity
Modulus and Damping due to internal friction at high
frequencies, by E. Schmidmann.

GERMAN, per, Arch Eisenhüttenk. Vol 36, No 3, 1965, pp 181-
200

CEL/T. 2369

11461
E. Schmidmann

Sci •
Sep 67

340,229

91

Influence of Carbon, Nitrogen and Boron on the
Precipitation Behaviour of an Austenitic Steel
with About 16% Cr, 2% Ni and Niobium,
by H. Gerlack, A. J. Schneider.
Z. Metall., ser. Arch. Eisenh., vol 37, Feb 1968,
pp 139-149.
REF 6450

Sci- at
Jan 68

365,632

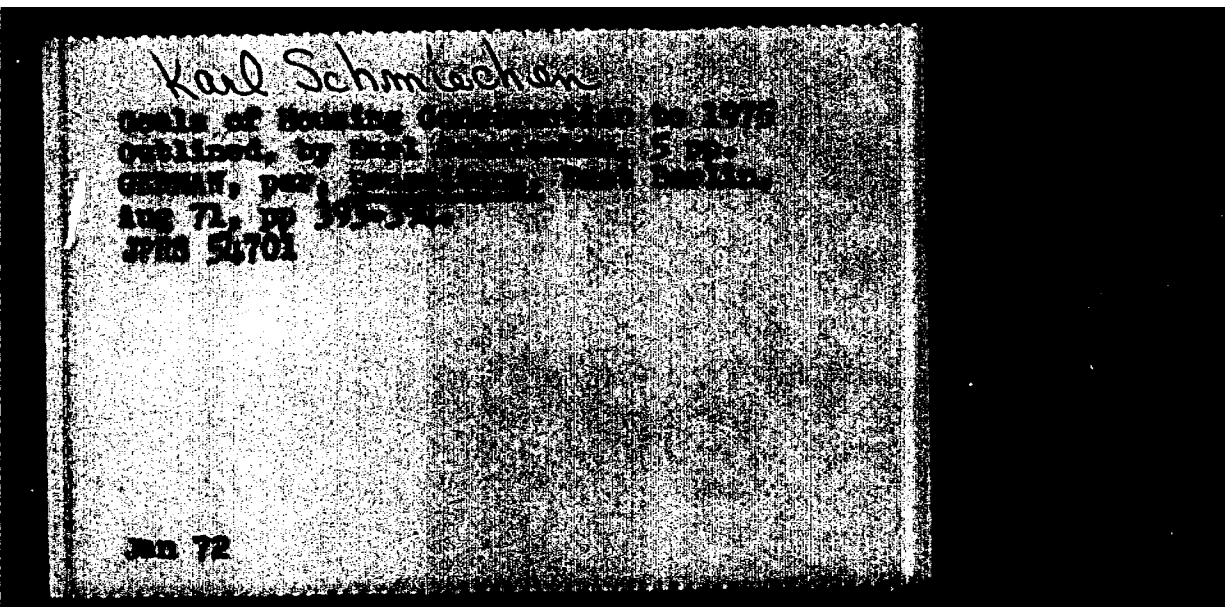
E. Schmidtman

100

Resistance Investigation on a Model Series of
Sea-Going Ships, in Shallow Water, by H. Schmidt-
Stiebitz and G. Luthra,
GERMAN, per. Schiff u Hafen, Vol 21, No 8, 1969,
pp 639-644.
NLL Ref: 9022.065 (3143)

Sci/Mech Engr
Apr 70

H. Schmidt-Stiebitz
405,773



High Efficiency in the Construction Industry ¹⁸
Through Complex Socialist Rationalization,
by Karl Schmiechen, 9 pp.
GERMAN, per, Presse-Informationen, No. 105,
9 Sept 1966, pp. I-IV.
JPRS 32454

Karl Schmiechen

EE-East Germany
Econ
Nov 66

313,997

19
Reorganization of Material Management in the
Building Industry Through Scientific Planning,
by Karl Schmiedchen, 6 pp.

GERMANY, per, Die Wirtschaft, No 40, 7 Oct
1965, p 3

JPRS 33329

Karl Schmiedchen

SI - German
Econ
Doc 05

2A, 029

Costs of Industrially Produced Structures,
by Karl Schmechen, 10 pp.
GERMAN, per, Die Wirtschaft, No 31, 1965,
pp. 2-4.
JFIS 32216

Schmechen, Karl

EE-Germany
Econ
Oct 65

23,668

M. Schmieden

**Confidence Limits of the Transfer
Function Between Yawing Velocity and
Rudder Deflection in Ships, by
M. Schmieden.**

**GERMAN, per, Schiffbauforschung, Vol 4,
No 5/6, 1965, pp 232-236.
NTC 72-10100-13J**

Apr 72

The Electrical Underwater Discharge as an Impulse
Sound Generator of High Power, by H. Schmied.
GOVERNMENT USE ONLY
GERMAN, Mer, Acustica, Vol 19, 1967/68, pp 107-108.
Dept of Navy/NEL Trans No 1132

H. Schmied

COPIES
No; 68

364,749

H. Schmiedeknecht

On the Heterogeneous Reaction Between Soda Lye,
Carbon Disulfide and Cellulose with Special
Consideration of Surfactants, Part VI, Some
Principles on the Application of Surfactants in
the Viscose Process, by H. Schmiedeknecht
EUROPEAN, per, Faserforschung und Textiltechnik,
Vol 18, 1967, pp 289-292
NTC 71-16531-11E

mar 72

SCHMIEDER H

GE

THE VEB CARL ZEISS JENA AT THE SPRING FAIR OF
1972 IN LEIPZIG

FEINGERATETECHNIK 1972 NO 4 PP 145-150

FSTC-HT-23- 136-73

deformation

Aqueous Reprocessing of Fast Breeder Fuel Elements.
Common Extraction and Separation of Macroquantities of
Plutonium and Uranium in the Purex Process, by
G. Ochsenfeld, H. Schmieder, 104 pp.
GERMAN, rpt, KFK-911
AEC/EURFNR-888

Jan 72

Determination of Free Acid in Plutonium Uranium
and Thorium Solutions, by Hellmut Schneider, 77

19 pp.
GERMAN, per, Talanta, Vol 16, 1969, pp 691-700.
ACC-Tr-7141-70

Hellmut Schneider

Sci/Chem

Jun 70

87

Properties of Generalized Root Loci,
by G. Krubel, L. Schmieder.
Report, rpt., Deutsche Luft- und Raumfahrt,
Report No. TR 67-88, 1967. 2: p.
Ref ID: A-11,516

L. Schmieder

Sci/...

369,014

Oct 68

42
A New Method For Hot and Cold Rolling of
High-Carbon Steel Strip, by
P. U. Schmithals, E. Grass.
GERMAN, per, Stahl Eisen, Vol 86,
16 June 1966, pp 705-709,
eBISI 6790

Sci/Materials
Jan 69

P. U. Schmithals

103
104

A New Operational Method of Hot and Cold Rolling
of Strip with High Carbon Content, by L. Grass,
F. U. Schmithals, L. Grall
GERMAN, yer. Stahl Eisen, Vol 86, 16 June 1966,
pp 705-709.

~~CONFIDENTIAL~~

#106911

P. U. Schmithals

Sci-Mat
May 69

380,441

**A New Hot and Cold Rolling Practice
For Steel Strip With Increased Carbon
Contents, by P. U. Schmithals, E. Gross.
GERMAN, per, Stahl Eisen, Vol 86, No 9,
June 1966 pp 705, 700.
*IB 6911**

69

P. U. Schmithals

**Sci-Materials
Sept 66**

Contribution to the Problem of Welding Cold
Formed Sections, by P. U. Schmitzals, et al.
GERMAN, per, Der Stahlbau, No 1, 1965, pp 13-19.
BISI 7061

P. U. Schmitzals

Sci-Mat
May 69

382,461

A. Schmitt

The Tank Turret as a Weapon System for the
8x8 Armored Recon Vehicle, by A. Schmitt,
7 pp.

GERMAN, per. Soldat und Technik, Vol 14,
No 11, Nov 1971, pp 626-627.

ACSI-L-2483

FSTC-HT-23-1928-72

June 72

Determination of the Mechanical Properties of
Solid Rocket Fuels, by H. Schubert, D. Schmitt,
GOVERNMENT USE ONLY
GERMAN, per, Explosivstoffe, Vol XV, Nr 1, 1967,
pp 1-12.
RSIC-669

Sci-Prop & Fkols
Jul 67

332,978

Investigations Relating to the Plastic Behaviour ⁹¹
of Hard Coals, by H. Schmitt.

GERMAN, Paper B.1 Presented at the Interna-
tional Congress in Charleroi on Coke in the
Iron and Steel Industry 19-22 Sep 1966.

FRISI 5472

H. Schmitt

Sci - Materials
Apr 67

Combustibility of Cupola Top Cases at 74
Various Humidities and Temperatures, by
H. Schmitt, F. Ernst.
GERMAN, per, Glossari, Vol 52, 1 Apr 1965,
pp 197-200.
BISI 4517

H. Schmitt

EE-Germany
Svi/1965
Feb 66

294,658

58

Network Planning as a Comprehensive
Planning and Control Method in Metal-
Producing and Metal-Working Industries,
by H. L. Schmitt.
GERMAN, per, Bänder Bleche, Vol 91,
February 1968, pp 72-79.
DISI 6372

H. L. Schmitt

Sci/Materials
Jan 69

353,154

50

Recent Advances in Ceramic Materials
Applicable in Space Technology,

by J. Schmitt.

FRENCH, rpt. Paper Presented at the
Seventh International Aeronautics
Congress, AFITAE, Paris, June 14-16,
1965.

NASA TT F-9575

J Schmitt

Sci-Aero
Mar 66

297,350

SCHMITT J

GE

THE USE OF LIQUID FUEL WITH TUBED WEAPONS

RHEINMETALL GMBH

FSTC-HT-23-1835-73

M. Schmidt

Remarks on the Paper of H. B. S.
Mittell, Paper No. 1, The
of Propulsion for the
Concept, by H. B. S.
GERMANY, per. 1800
Illustration Panel 1
for Arrangement
September 1971
RTO 72-12296-213

July 72

H. A. ...

Remarks on the ...
(Paper No. 121) ...
for the ...
10 pp.
FRENCH, ...
NASA TT 7-1003

Mar 72

Use of Plasma Arc Welding for Joining and
Lacing, by C. Schmitt. 98
Munich, Ger., Schweissen und Schneiden, Vol 20,
No 9, 1968, pp 483-487.
AS 7836

sci/ material
sept 69

302,955

C. Schmitt

Experimental Study of Boundary-Layer Transition in
the Hypersonic Range, by R. Michel, V. Schmitt.
GMDAH, par, Deutsche Gesellschaft für Luft-und
Raumfahrt, 22 Annual Meeting, Bremen, Communication
22-24 Sept 1969.
Dept of Navy APL/JHU T-2497

V. Schmitt

April 71

135
Comments on "Analysis of Normal Shock-Waves in
a Gas-Particle Mixture", by T. D. Varma and
N. K. Chopra, Zamp 18, 650, by
Barbara Schmitt-v. Schubert.
GIESSEN, per, Zeitschrift für Angewandte Mathematik
und Physik, Vol 20, No 2, 1969, pp 272-275.
Dept of Navy APL/JHU T-2415

BARBARA Schmitt-v. Schubert

Sci/Phys
June 70

(ANL-Trans-919) , MODIFICATION OF THE OXIDA-
TION POTENTIAL OF THE MIXED OXIDES (U,Pu)O₂ AS A
FUNCTION OF THE BURNUP. Schmitz, F.; Marticorena, J.;
Dean, G. 19 Translated from a French paper. 20 15p. 21 (CONF-
720843-8). 22 Dep. NTIS.

23 From Behaviour and chemical state of fission products in
irradiated fuel meeting; Vienna, Austria (7 Aug 1972).

24 reactor fuel; translations 25 18J

26 MN-80 27 P NSA

120

Structure and Properties of $(U,Pu)O_2$ Containing
Non-Active Fission Products. A Simulation of
Irradiated Nuclear Fuel, by Franz Schmitz.

FRANCIS, rpt, OEA-R-3795, 1969.

*AEC

Franz Schmitz

Sci/Pro, & Fuel
Oct 69

393,461

Measurement of the Reducibility of Blast
Furnace Gases, by K. H. Schmitz.
GERMAN, per, Steel Eisen, Vol 85,
28 Aug 1965, pp 1061-1063.
#151 4501

93

K. H. SCHMITZ

EE-Terrany
Sci/209
Jan 66

294,622

83

Influence of Elasticity on Properties of [Elasto-
mer] Sinters, by G. Kasper and K. -H. Schmidt.
Zellulose, paper, Kraft and Holz, Vol 87, no 8, 1967.
pp 432-438.
No 7248

Sci-78
no 67

K. H. Schmidt

746,598

Problems in Finishing Special Steel
Semi and Sur Steel, by H. Colpel,
L. J. Schmitt.
ASME, 1961, Steel Lines, Vol 45,
June 3, 1966, pp 664-672.
*REF 4417

68

K. P. Schmitz

10/1/66
10/1/66

SCHMOLDERS, G. and STRUMPEL, B. Comparative financial
psychology, taxation and taxation mentality in some European
countries.
Acad. Wiss. Lit. Mainz. (NZDIA)

Schmolders, G.

L. Schmall
Technology and Organization of ...
to Machine System ...
24 pp.
GDR, per. ...
East Berlin, 80p, 71, pp 541-553.
OPAS 55180

Mar 72

Evaporation from the Upper Bober Basin and the
Oder River near Wrocław, by Adam Schmalz,
Polish, Przebieg Geograficzny Roc. 1.
Vol XVIII, No 1, 1905, pp 19-31.
*CISTE FT 07-56103

~~33~~
35

Sci-Atmos Sci
ec 06

Ergonomic Studies of Various Parameters on the
Orientation Ability of a Radar Operator During Air
Surveillance Operations, by P. Schmucker.
GERMAN, rpt, Technische Hochschule Munchen, 1969,
217 PP.
*Dept of Navy APL/JHU J-1594

P. Schmucker

May 71

One-Photon Photo Production of Positively Charged
Pi-Mesons Between 1.2 and 3 GeV in the Labora-
tory Angular Range From 0° - 20°, by P. Schmuser,

122

123 10-
CERN, 1964, High Energy Physics
Collected Pi-Meson Spectra 1.2 and 3 GeV in
Laboratory Angular Range 0° - 20°, (includes
Electron-Positron Annihilation Internal Report,
March 1967. PH1207, 1967-7
ARC SLAC Tr-68

P. Schmuser

336,911

Sci - Physics

42
Fibrinolysis and Blood Loss After Prostate
Operations and Their Susceptibility to
Treatment by Antifibrinolytics. -amino-
caproic Acid and the Kallikrein Inhibitor
Trasylo1, by E. Schmutzler, E. Forstenberg.
GERMAN, per, Deut Med Woch, Vol 91, No 7,
1966, pp 297-303.
HTC-69-16049-06E

E. Schmutzler

Sci-58M
Feb 70

402,998

42
On the Thrombolytic Therapy of Fresh Cardiac
Infarcts. Part I. Introduction, Treatment
Plans, Overall Clinical Results, by
H. Schmutzler, F. Beckner.
GERMAN, per, Deut Med Woch, Vol 91, No 13,
1966, pp 581-587.
NYC-69-16048-06E

H. Schmutzler

Sci-B&I

110

An Ultracentrifuge for Nuclear Magnetic Resonance, by B. Schnabel, 14 pp.

GERMAN, per, Experimentelle Technik der Physik, No 4, 1965, pp 289-296

P100337367

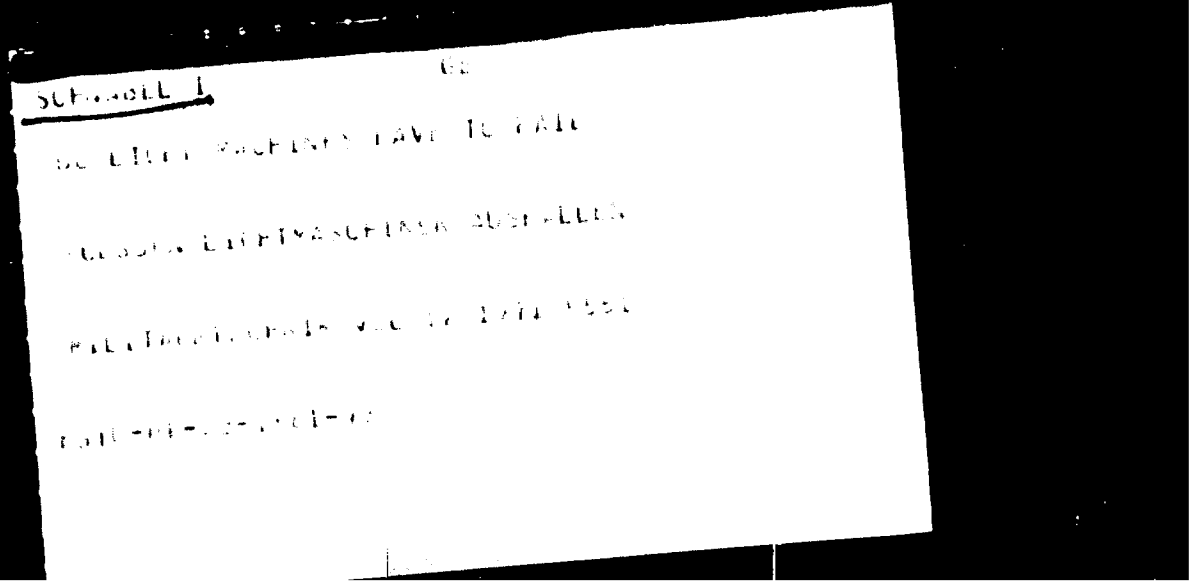
FYD-HT-67-131

B. Schnabel

Sci-Physics

Jan 68

346,457



Schnaider, Z.

Problems of Forest Protection in the Upper
Silesian Industrial Region.
INTERNATIONAL CONFERENCE ON SMOKE DAMAGE
(NO. 6) PROCEEDINGS. pp 45-62, 1968
NTC-72-14757-02F

Jan 1973

Schnaider, Z.

Dangerous Condition Due to Insects of Certain Types
of Forest Trees in Industrial Regions of Silesia
INSTYTUT BADAWCZY LESNICTWA. PRACE, No. 36,
pp 113-150, 1967.
NTC-72-14789-02F

Jan 1973

Some Notes on the Biology of Aegerian Apiformis Cl, by
Zbigniew Schneider.

POLISH, per, Ministerstwo Leśnictwa i Przemysłu
Drzewnego Instytut Badawczy Leśnictwa, No 190.

REF ID: A66713

Zbigniew Schneider

July 71

Modification of the Design of Intermediate Heat
Exchangers for Sodium-cooled Reactors Using Ferritic
Materials, by H. Schnauder, R. A. Mueller, 28 pp.
GERMAN, rpt, KFK-1387
AEC/EURFNR-924

H. Schnauder

Jan 72

English Title Unknown, by C. Schnarrenberger.
GERMAN, per, Planta, Vol 75, 1967, pp 114-124.
•NTIS/SI TT 71-55387
Available SI Only

C. Schnarrenberger

July 71

13
Cybernetics and Socialist Management, by Georg
Klaus and Gerda Schomann, 10 pp
GERMANY, per, Einheit, No 2, Feb 65, pp 93-104.
JPHS 2940)

Gerda Schomann

EE-Germany
Econ
Apr 65

271,533

84

Automatic Wire Galvanising Machines. A Review of
the Present State of Development, by H. Schneegass.
GERMAN, per, Draht, Vol 18, No 11, 1967,
pp 886-888.
CRL/D.734
Vol 17, No 3, 1969

H. Schneegass

July 69

385-219

Investigations on Hot Blast Slide Valves, by
E. Allgeier, G. Schaegeleberg.
WZRN, par, Stahl Eisen, Vol 67, 1967,
pp 1173-1182.
BIB 623

85

G. Schaegeleberg

Schaegeleberg
1967

363,005

101

Influence of Specimen Size on Tensile
Characteristics and on Tendency to
Brittle Fracture of Steel, by

G. Schneeweiss.

GERMAN, per, Materialprüfung, Vol 8,

No 11, November 1966, pp 410-416.

BISI 5926

G. Schneeweiss

Sci-Mat

May 69

380,384

89

Robert Water Economy in West-Panama Flats,
by K. P. Neider and G. Schmegelesberg,
OSHA, par. *Env. Syst.*, *Amsterville*, Vol 60,
Apr-Jun, 1966, pp 105-106.
NRI 7037

Sci/Inst
Apr 70

G. Schmegelesberg

105, 610

74
Present State of Development of Hot-Blast Stove
Accessories, by G. Schnegelsberg
GERMAN, per, Stahl Eisen, Vol 87, Apr 1967,
pp 439-442.
NIBI 5629

G. Schnegelsberg

Sci-Materials
Feb 69

369,611

94

Method of Cooling Used for a Blast Furnace with
a Hearth Diameter of 9 M, by G. Schneegelsberg
& K. P. Roeder.
GERMAN, per, Stahl Eisen, Vol 87, Nov 16, 1967.
pp 1422-1428.
BISI 6127

Sci/Nat
Mar 68

351,028

G Schneegelsberg

Engineering Problems in Raising the Output of
Blast Furnaces, by H. Nies, G. Schnegelsbart,
BERMAN, per, Stahl Eisen, Vol 87, 1967.
pp. 598-611
•RISI 5723

101

G. Schnegelsbart

Sci - Mechanical
Aug 67

~~SECRET~~

Plastic Materials Used as Building Materials, by A.
Schneider.
GERMAN, per Plastic. mod. elastom. Vol. 17, No. 5.1965
pp 87-91
OB 39/BD 2286

A. Schneider

Sci -
Aug 67

339-495

65

New Means of Surveying Rock Masses, by
B. Schneider.
FRENCH, par, Annales Inst Tech des Bâtiment
et des Travaux Publics, Vol 20, No 235-236,
1967, pp 1055-1094.
NRC-69-16561-080

B. Schneider

Sci-Bar Sci
Nov 60

403,112

AEC (UCRL-Trans-10653) GENERATION OF PULSED
HIGH MAGNETIC FIELDS USING CAPACITIVE AND INDUCTIVE
STORAGE SYSTEMS OR BY COMPRESSION METHODS. *Schneider,*
D.; Salge, J. Translated for Univ. of California Lawrence Liver-
more Lab., Livermore from *Z. Angew. Phys.*: 31: No. 5-6, 346-
59(1971). 235p. 24Dep. NTIS.

20physics (particle); translations 2720H

21MN-34 23P NSA

E. Schneider

The Activities of the High Authority Concerning
the Direct Reduction of Iron Ores, by

E. Schneider

FRENCH, rpt, Congres International sur la
Production et l'Utilisation des Minerais
Reduits, Evian, France, 1967

NTC 71-16696-11F

Feb 72

103

The Calculation and Design of Pass Sequences for Rolling Mass-Produced Steels in Continuous Small Section Mills, by E. Schneider.
GERMAN, per, Bandor Bloche, Vol 6,
Apr. 1965, pp 177-184.
BISI 4601

E. SCHNEIDER

Sci-M&M
June 66

393,544