

Interference measurement of homogeneity of ruby
resonator for the laser, by V. Bocck, V. Kent.
8 pp.

CZECH, per, Journal Mechanika a Optika, No 1, 1968,
pp 5-6. P100050966
FTD-TT-65-44

Sci/Physics
Oct 68

311,440

The Use of a High Frequency Film Camera
to Study Plastic Deformation of Metals
at Explosive Burdens, by A. Schweighofer,
6 pp.

CZECH, per, Jerna Mechanika a Optika,
No 3, 1965, pp 75-76. P100059066
FTD-INT-66-43

Sci - Materials
Nov 66

The Present State of Series Production of Basic
Vacuum-Technique Components in Czechoslovakia,
by J. Buril, 13 pp.

CZECH, per, Jenna Mechanika a Optika, No 3,
1965, pp 89-92. F100325767

FPD-HT-66-562

Sci-Mechanical, Industrial, Civil
and Marine Engineering

Dec 67

344,454

Role of Optics in Czechoslovak Precision
Mechanics Industry, by J. Hnevkovsky, 7 pp.

GOVERNMENT USE ONLY

CZECH, per, Jenna Mechanika a Optika, Vol
X, No 5, May 1965, pp. 137-139.

JPRS GUO 778

EE-Czech

Econ

Jul 65

282,972

Measurements of Refraction Index of Thin
Layer by Method Based on Brewster's Angle
of Incidence, by K. Kuznikova, 12 pp.
CZECH, per, Jerna Mechanika a Optika,
No 6, June 1965, pp 173-176.
ACSI I-9418 a
ID 2204017866

Sci-Elect
Apr 66

299,622

Production of Gelatine Light Filters Used
in Photometry, by V. Jakubek, 20 pp.
CZECH, per, Jenna Mechanika a Optika,
No 6, 1965, pp 181-185.
ACSI I-9418b
ID 2204017866

Sci-Elect
Apr 66

299,623

Electro-Optical Range Finder EOS, by
Osakar Partl. 6 pp.
CZECH, per, Jozna Mechanika a Optika, no 6,
1965, pp 193-195.

ACSI I-9418 c
ID 2204017866

Sci-Elect
Apr 66

299,624

Quartz-Iodine Lamps for Photography and
Cinephotography,
CZECHOSLOVAKIA, per, Jornal Mechanika a
Optika, No 6, 1965.
ACSI I-9418-D
ID 2204017866

Sci-Engr
MAR 66

On the Problems of Vacuum Technology in the
Preparation of Thin Films, by W. Espe, 17 pp.
CZECH, per, Jarna Mechanika a Optika, No 10,
1965, pp 305-310. P100221468-V
FTD-IT-67-209

Sci/Phys
Sept 68

366,621

Expansion of Optical Waves in the
Atmosphere, by M. Miler, 20 pp.
CZECH, per, Jenna Mechanika a Optika,
No 10, 1965, pp 313-317. P100090967
FTL-HT-66-341

Sci - Atmospheric Sci
Apr 67

322,059

(n the Problems of Vacuum Engineering in the
Preparation of Thin Films, by W. Espe, 24 pp.
CZECH, per, Jerna Mechanika a Optika, No 11,
1965, pp 341-348.
AIN/PTD/PT-67-211.

Sci-Phys
Nov 68

353,675

Psych
Certain Physical Problems of Physiological
Optics, by O. Novakova,
RUSSIAN, per, Jenna Mechanika a Optika, No
12, 1965, pp 369-372. P100126566
FTD-HI-66-283

Sci-Phys
Feb 67

318,937

A Method for the Fast Measurement of the
Permeability of Glass Fibers, by I. Cabak, 6 pp.
CZECH, par, Jarna Mechanika a Optika, No 1,
1966, pp 3-4. P100073668-V
FTD-HT-23-694-67

Sci/Phys
May 68

356,774

Experiences in Using Sliding Air Bearings, by
G. Stuller. 5 pp.
CZBCH, per, Jenna Mechanika a Optika, No 2, 1966,
pp 47-48.
AIR/FTD/HT-23-1256-67

Sci/Mechan Engr
Feb 69

375,474

Infrared and Ultraviolet Birefringent Chain
Filters, by I. Solc. 3 pp.
CZBGI, per, Jenna Mechanika a Optika, No 4,
1966, pp 112.
ACSI J-0593
ID 2204043366

Sci-Phys
Oct 66

309,815

Thin Layers in Optics, by Ed. Knittl,
8 pp.
CZECH, per, Jemna Mechanika A Optika,
No 11, 1966, pp 218-220.
P100218768-V
FTD-FH-23-1032-67

Sci/Physics
Sep 68

364,306

Evacuation of Electron Emitters Using Titanium
Getter Pumps, by P. Rix, Supp.
CZBCH, par, Jeune Mécanique & Optique, 1966/8
pp 243-244. P911334267
AEC Sino Trans-70

Sci/Mat
Nov 67

342,400

Discharge Lamps of Czechoslovak Industrial Glass
for Lasers, by G. Sklenar, 19 pp.

GOVERNMENT USE ONLY

CZECH, per, Jemna Mechanika a Optika, No. 1,
Jan 1967, pp. 22-27.

JPRS QUO 2326

EE-Czech
Econ
Apr 67

321,102

Radiation Measurements by Means of a Radiometer,
by K. Schovanec, 11 pp.
CZECH, per, Journal Mech a Optiku, No 4, 1967,
pp 109-113.
NTR/FTD/HT-23-599-68

Sci/Nucl
Nov 69

593,546

Generation of Giant Pulses with Ruby
Laser by the Rotating Mirror Method at
Lower Speeds, by Vl. Novacek, J. Matousek.
GOVERNMENT USE ONLY
CZECH, per, Jemna Mechanika a Optika,
No 5, 1967.
ARM/ESTC/HT-23-702-68

Sci-Phys
June 69

384,099

Radionuclide Radiation Measurement,
by K. Schovance
Czech, par, Journal of Nuclear Energy and Optics, No 5,
1967, pp 109-113.
*FTD-HT-23-599-68C

Sci-Nuclear Sci
Aug 68

Medical Electronics at Threshold of Cybernetics
Age, by O. Pistora, 17 pp.
GOVERNMENT USE ONLY
CZECH, par. Žurnál Mechanika a Optika, No 8, Aug
1967, pp 250-253.
JPRS GUO 2597

Sci-B and M
Nov 67

343,769

Laser Beam and the Eyes, by M. Liska, 10 pp.
CZUDCH, per, Jenna Mechanika a Optika, Vol 11,
Nov 1967, pp 341-344.
Dept of Navy/NMS 1252

Sci-B and M
Apr 68

352.177

The Effect of Atmospheric Scattering on
Optical Beam Intensity at Low Visibility,
by M. Miller, M. Chomat.
CZECH, per, Jemna Mechanika a Optika,
No 12, 1967, pp 382-384.
AIR/FTD/HT-23-598-68

Sci-Atmos Sci
Apr 69

380,515

Ruby Laser with Controlled Quality of Optical
Resonator, by J. Vierzig, J. Smucr, 10 pp.

GOVERNMENT USE ONLY

CZECH, per, Jomna Mechanika A Optika, Vol 13, No 6,
1968, pp 176-178.

ARM/FSTC/HT-23-772-68

Sci/Phys
Oct69

394,063

Ruby Laser TRG 102, by F. Rohlicek, et al, 13 pp.
GOVERNMENT USE ONLY
CZECH, per, Jezna Mechanika a Optika, Vol 13, No 7,
1968,
ARM/FSTC/HT-23-588-68

Sci/Phys
June 69

383,333

A Calorimeter for Measuring Laser Output Energy,
by D. Vavrouci. 14 pp.
CZECH, per, Jenna Mechanika a Optika, 1968,
No 9, pp 287-290.
ATN/FID/AM-23-524-69

sci/physics
feb 70

402,781

New Development in Fiber Optics by A. Jacobsen,
7 pp,
CZECH, per, Jenna Mechanika A Optika No 11,
1968, pp 348-349
AIR/FTD/HT-23-520-69

sci/materials
apr 70

400,500

Calibration of Infrared Radiation Detectors, by
J. Obadalek. 12 pp.
CZECH, per, Jenna Mechanika a Optika, No 11,
1968, pp 358-361.
ACSI-J-7727
FSTC-HF-23-157-70

AIR/FTD/HI-23-532-69

Sci-Nucl Sci
Jan 70

400,263

Electromotive Dental Drill Handpiece, by
K. Kumbalek, 9 pp.
CZECH, per. Jemna Mechanika a Optika, Vol 15,
No 4, 1970, pp 97-100.
ACSI-K-1296

Jan 72

Device for Spatial Filtration of Undesirable Images,
by M. Miler, 11 pp.
GOVERNMENT USE ONLY
CZECH, per, Jemna Mechanika a Optika, Vol 15, No 5,
1970, pp 137-140.
ARM/FSTC/HT-23-1534-71

June 72

Laser Distance Measurement of Artificial Earth
Satellites at Ondrejov Observatory,
by T. Daricek, 10 pp.
CZECH, per. Jemna Mechanika a Optika, No 7,
1971, pp 186-189.
AGSI-K-1627
FSTC-HT-23-1081-72

May 72

W. Kiculehn

The mastering of the 41 glass makers. 56 pp.
GERMAN, Ek, Jenaer Glaswerk Schott & Genossen, Mainz
1971, pp 1-58
AIR/FTD-HC-23-1811-71

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June 72

Immunohistologic Detection of the Foot-and-
Mouth Disease Virus, by Dieter Urbanek, 16 pp.
GOVERNMENT USE ONLY
GERMAN, rpt, Jenaer Rundschau, 1969, pp 222-227.
ARM/FSTC/HT-23-623-70

Sci/B&M
Feb 71

Scandia/Randers, 8 pp.
DANISH, per, Jernbane Tidende, No 2, 15 Jan 1968,
pp 15-17.
DIA LN 617-68

Sci/Misc
June 68

358,404

The Importance of the Railroads in Future
Transportation, 9 pp.
INDONESIAN, par, Jambane Tidende, No 6, Mar 1968,
pp 72-75.
DIA LN 854-68

W Sur
Econ
Jul, 68

361,292

Rationalization of the Danish State Railways.
DANISH, per, Jernbane Tidende, Copenhagen, No 17.
15 Sept 1968, pp 204-205.
DIA LN 367-69

WE
Econ
Jan 69

372,665

Safety.
DANISH, par. Jernbane Tidende, Copenhagen, No 17,
15 Sept 1968, pp 232-233.
DIA LN 367-69

Sci-Misc
Jan 69

372,666

When the Accident Happened.
DANISH, per. Jernbane Tidende. Copenhagen, No 17,
15 Sept 1968, pp 238-239.
DLA LN 367-69

Sol-Misc
Jan 69

372,667

Preparatory Considerations and Experiments on
the Automation of the Basic Oxygen LD Process,
by W. Schleicher, et al.
SWEDISH, per, Jernkontorets Annaler, Vol 149,
No 1, 1965, pp 1-11.
HB 6646

NE-Sweden
Sci/MGM
Apr 66

298,881

The Influence of Different Factors on the
Coefficient of Heat Transfer in Steel Heating
Furnaces, by G. Wallquist.

SWEDISH, par, Jernkon. Ann., Vol 149, No 5,
1965, pp 221-256.

*ELSI 6224

Sci/Mat
Mar 68

Accelerated Cooling of Hot-Rolled Products, by
N. Jensfelt.
SWEDISH, per. Jernkont. Ann., Vol 149, No 9,
1965, pp 505-603.
BISI 5703

Sci-Int
Oct 67

340,856

Addition of Aluminum to Steel for
Deoxidation, by H. Widmark.
SWEDISH, per, Jernkontorets Annaler,
Vol 150, No 1, 1966, pp 28-38.
HB 6870-I

Sci-Materials
Oct 66

313,255

Addition of Aluminum to Steel for Deoxidation.
Part II, by H. Widmark.
SWEDISH, per, Jernkontorots Annaler, Vol 150,
No 1, 1966, pp 38-50.
HE 6870-II

Sci/Materials
Dec 66

314,344

Calibration and Evaluation in X-Ray Fluorescence Analysis of Alloyed Steels, by
H. Louhama, W. Fugmann.
SWEDISH, per, Jernkont. Ann., Vol 150, No 2,
1966, pp 99-110.
BIBI 5069

314,522

Sci - Materials
Jan 67

The Corrosion-Fatigue Strength of Corrosion-Resistant Steel Exposed to Sulphurous Acid, by H. Spahn, H. Speckhardt.
SWEDISH, per, Jernkont. Anst., Vol 150, No 3, 1966, pp 174-202.
EISI 5205

319,826

Sci - Materials
Feb 67

Slag Inclusions in Steel, by R. Kieseling, N. Lange.
SWEDISH, par, Jernkont. Ann., Vol 150, No 3, 1966,
pp 203-211.
BISI 5027

313,312

Sci - Materials
Nov 66

Checking the Progress of the Carbon Elimination from the Hot Metal by Oxygen Blowing. Continuous Determination of the Carbon Combustion Ratio in the Kaldo Process, by J. A. Smederham.

SWEDISH, par, Järnkont Ann., Vol 150, No 6, 1966, pp 335-357.

#113 6989

Sud - Mechanical, Industrial,
Civil, and Marine Engineering

Dec 66

Preparation of Industrial Minerals, by P. G. Kilstedt.
SWEDISH, per, Jornkon Ann, Vol 150, No 8, 1966,
pp 509-531.
BISI 5947

May 1969
T. CHAN...
M...
L...
L...

Sci/Materials

Jun 69

383,050

Process Control of Sheet and Wide-Strip Mills,
by K. Gedin.
SWEDISH, per, Jernkon Ann., Vol 150, No 8,
pp 537-572.
*RISI 5886

Sci - Mechanical, Industrial,
Civil, and Marine Engineering
Jan 67

The Possibilities of Vacuum Treatment, by S.
Hartarp.
SWEDEEN, per, Jour. of Appl. Phys., Vol 150, No 9,
1966, pp 585-685.
RDI 5399

Sci-Materials
Oct 67

343,126

Process Control in Mineral Concentrates,
by P. H. Fahlstrom.
SWEDISH, per, Jernkon Ann, Vol1150, No 10,
1966, pp 701-717.
BISI 5938

NCL Ref. 9052.06(5938)

Sci-Materials
Mar 69

376,286

Diffusion of Carbon in the Different Phases
of Carbon Steel, by M. Hillert, R. D. Sharp.
SWEDISH, per, Jernkont. Ann. Vol LXXVII,
No 11, pp 785-790.
*BISI 4876

Sci-M&M
May 66

300,953

Scale Formation on Steel at Temperatures of
Interest in Hot Working, by E. Thalande and
S. Klomgren.
SWEDISH, par, Jernkon. Ann., Vol 151, Jan 1967,
pp 16-61.
PRIME 5930

Sci-Materials
Oct 67

X-Ray Method For Residual-Stress Measurements,
by G. Alpston, P. Spijvelberg.
SWEDISH, per, Jernkon. Ann., Vol 151, No 1,
1967, pp 62-83.
BISI 6007

CRL/T. 3924x

Sci-Stat
May 69

382,412

General X-Ray Fluorescence Method for the Determination of Iron in Minerals, by T. Reiated.
SWEDISH, per. Jernkon Ann. Vol 151, No 3, 1967,
pp 216-226.

BISI 5896

NLL REF: 9022.06(5896)

Sci-Mat

Apr 68

352,186

The Swedish Charcoal Furnaces, by I. Bohm. SWEDISH,
per, Jornkon Ann, Vol 151, No 6/7, 1967,
pp 445-458.
BISI 7250

Sci/Materials
Jun 69

383,081

Selenium-Containing Inclusions in Steel,
by R. Kiessling.
SWEDISH, per, Jernkontorets Annaler,
Vol 151, No 8, 1967, pp 542-552.
HB 74.91

Sci/Materials
Jan 69

353,304

KALLING, B. Desulphurisation of pig iron with special regard to Swedish conditions.
Jernkont. Annlr 151(9):584-602 (1967) (CRL/D. 986)

Solution of SiO_2 In Plain Carbon Steels, by
H. Sandberg.
SWEDISH, per, Jernkon. Am., Vol 151, No 9,
1967, pp 612-617.
HISI 6721

Sci-Mat
Mar 69

377,309

Studies of the Strength in a Reducing Atmosphere
of Cold-Bound and Sintered Iron Ore Agglomerates, by
G. Thaning. SWEDISH, per, Jernkon Ann, Vol 151,
No 10-11, 1967, pp 705-748.
BISI 6785

Sci/Materials
Jun 69

383,474

The Organization and Economy of Research, by
K. E. Jalkanen.
SWEDISH, Per, Jamkon. Ann., Vol 152, No 1,
1968, pp 9-18.
BISI 6633

sci/ materials
oct 69

398,277

Bubbles in Steel, by P. E. Kihlstedt.
SWEDISH, per, Jernkont. Ann, Vol 152, Jan 1968,
pp 19-28.
HISI 8613

sci/materials
nov 70

Studies Relating to the Effect of Tapping and
Pouring Practices on the Nonmetallic Inclusion
Content of Steel. Part 1, by C. Ericsson.
SWEDISH, per, Jernkontorets Annaler, Vol 152,
No 5, 1968, pp 205-212.
BB 7643-1

sci/ materials
auj 69

388,616

Studies Relating to the Effect of Tapping and
Pouring Practices on the Nonmetallic Inclusion
Content of Steel. Part 2, by C. Ericsson.
SWEDESH, per, Jernkontorets Annaler, Vol 152,
No 5, 1968, pp 212-223.
AB 7643-2

sci/ materials
sept 69

392,949

Recent Developments in the Field of Powder
Pressing, by O. V. Roman.
SWEDISH, per, Jernkon. Ann., Vol 152, No 5,
1968, pp 245-252.
BISI 6777

Sc&Mat
Apr 69

379,736

The Alloy Supply Situation for the Steel Industry,
by G. Bjorling.
SCANDINAVIAN, per, Jamkon. Ann. Vol 152, No 8, 1968,
pp 372-386; discussion pp 412-419
BIBSI 7343

sci/ materials
sept 69

392,981

The Alloy Supply Situations for the Steel
Industry III - The Uses of Alloy Metals,
by C. H. Rosendahl,
SWEDISH, per. Jernkon, Ann., Vol 152, No 8,
1968, pp 387-419.
BISI 8314

Sci/Mat
Sep 70

Studies of Changes in the Composition of Sulphide
Inclusions After the Rolling of Steel Ingots and
Continuously Cast Billets, by S. Bergh.
SWEDISH, per, Jernkon Ann, Vol 152, No 9, 1968,
pp 451-452.
BISI 7657

Sci/Chem
May 70

406,768

Stripping Power of Rolls in Hot Rolling with
Friction Driven Work Rolls and Directly Driven
Rolls, by B. Zachrisson.
SWEDISH, par, Jernkon Ann, Vol 153, No 7, 1969,
pp 289-294.
BISI 8537

Sci-Mat
Dec 70

Development of Iron Ore Products for the
Swedish Market, by P.G. Kihlstedt,
SWEDISH, per. Jernkon Ann., No 8, 1969,
pp 373-399.
BISI 8165

Sep 71

The Effect of Stress Relieving on the Mechanical Properties of Ordinary Pressure Vessel Steel, by C. Ulff, SWEDISH, per. Jernkon. Ann., Vol 154, 1970, pp 53-64.
BISI 9098

Jul 71

The Nature Method of Description, by
L. G. ...
... Vol 151, No 6, 1970,
pp 241-253.
... 8953

...
... 71

Degradation of Ores in Handling and Transport,
by B. Fagerberg,
SWEDISH, per. Jernkon. Ann., Vol 154, 1970,
pp 369-385.
BISI 9547
NTC 72-60568-11F

Mar 72