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Trans. of Moscow U. Vestnik. Seriya Matematiki,
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v. 14, no. 2, p. 199-202.

DESCRIPTORS: *Sodium compounds, *Sulfates, *Heat
of fusion, Determination, *Calorimeters, Design.

The construction of a spherical calorimeter for the
determination of thermodynamic quantities using the
method of continuous heating under adiabatic conditions
is described. Values were calculated for the heat of
fusion of sodium bisulfate, $\Delta H = 2480$ cal/mol; the
(Physics--Thermodynamics, TT, v. 7, no. 7) (over)

61-27989

I. Reznitkii, L. A.
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III. Translations, New York

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Office of Technical Services

61-27806

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Trans. of Moscow U. Vestnik. [Seriya Matematiki
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no. 2, p. 217-224.

DESCRIPTORS: Calorimeters, *Heat, Reduction, Iron
compounds, Oxides, *Ferrites, *Hydrogen,
*Calorimetry, Determination.

An isothermal calorimeter is described that was con-
structed for the determination of the heats of reactions
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doing calorimetric measurements on slow endothermal
(Physics--Thermodynamics, TT, v. 6, no. 9) (over)

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Field 7D

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EEur - Czechoslovakia
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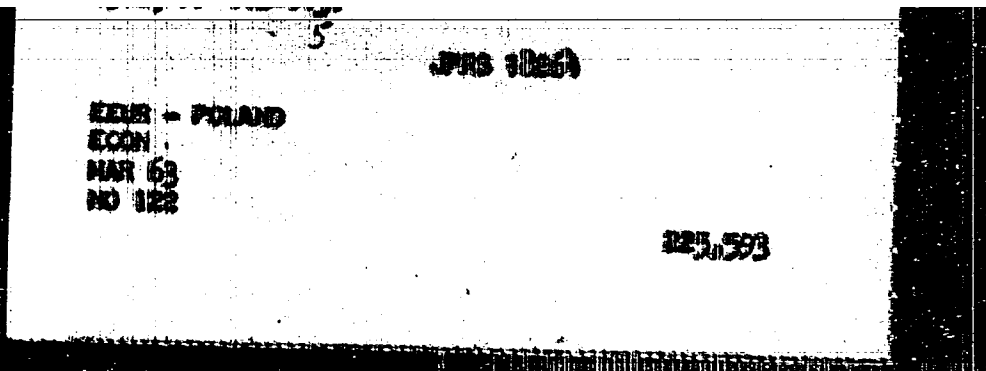
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NASA TT F-29
 National Aeronautics and Space Administration.
 ON THE CALCULATION OF STEADY BOUNDARY
 LAYERS FOR CONTINUOUS SUCTION, WITH
 DISCONTINUOUSLY VARIABLE SUCTION VELOCITY.
 (Zur berechnung stationärer grenzschichten bei
 kontinuierlicher absaugung mit unstetig
 veränderlicher absaugeschwindigkeit.)
 Werner Rheinboldt. March 1961. 101 p. OTS price,
 \$2.50. (NASA TECHNICAL TRANSLATION F-29.
 Translation of thesis submitted for degree of Doctor
 of the Faculty of Natural Sciences and Mathematics
 to Albert-Ludwigs-Universität, Freiberg (Germany))

An exact method of calculating the laminar boundary-
 layer velocity distributions for discontinuously vari-
 able suction velocities in incompressible steady flow
 is presented. The method is applicable to arbitrary
 external pressure distributions. In essence, the
 method consists in setting up a series expansion for
 the stream function applicable near the surface,
 (over)

Copies obtainable from NASA, Washington

- I. Rheinboldt, Werner
- II. NASA TT F-29
- III. Albert-Ludwigs-Universität, Freiberg (Germany)

(Initial NASA distribution:
 20, Fluid mechanics.)

SLA 11-21953

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NASA

NASA TT F-29

following an appropriate transformation of the variables. For larger distances from the wall, an asymptotic expansion is then connected to the initial series.

Copies obtainable from NASA, Washington

NASA

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Trans. of Angewandte Chemie (West Germany) 1958,
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A discussion is given on the extent of protection a
patent must have to be in the interest of the inventor
or how far it may be in the interest of the public. The
principles according to which the German infringe-
ment courts today determine the extent of protection
of a patent correspond to the interests of chemical
industry. The extent of protection should first be
determined in the infringement process. The exami-
nation of a general inventive idea, made valid in an
infringement process, relative to patentability, should
be left to the patent office. (Author) (An address given
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