Mines Branch Information Circular IC 293

BIBLIOGRAPHY OF HIGH-TEMPERATURE CONDENSED STATES RESEARCH PUBLISHED IN CANADA, JULY - SEPTEMBER, 1972

> by Norman F.H. Bright*

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SYNOPSIS

This report contains bibliographic information concerning research work on high-temperature condensed states published in Canadian journals from July 1 to September 30, 1972.

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BIBLIOGRAPHIE DES RECHERCHES ÉFFECTUÉES DANS LE DOMAINE DES ÉTATS CONDENSÉS AUX TEMPÉRATURES ÉLEVÉES, AU CANADA, DE JUILLET À SEPTEMBRE, 1972

par

Norman F.H. Bright*

résumé

Le présent rapport contient des renseignements bibliographiques sur les recherches éffectuées sur les états condensés aux températures élevées, publiées dans les revues scientifiques canadiennes au cours de la période de juillet 1 à septembre 30, 1972.

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INTRODUCTION

This report is a further contribution to the series of bibliographic bulletins of information on high-temperature condensed states research that have been published as Mines Branch Information Circulars since March 1960 on behalf of the Commission on High Temperatures and Refractory Materials of the International Union of Pure and Applied Chemistry. The present document covers the three-month period from July 1 to September 30, 1972, and gives details of work published in Canadian scientific and technical journals during that period.

Anyone not now receiving these reports who wishes to do so, or anyone who currently receives these bibliographies but to whom they are no longer of interest, is requested to advise the compiler accordingly so that the appropriate changes may be made in the relevant mailing lists.

The compiler would very much appreciate being advised of any work published in Canadian journals, and lying within the scope of these bibliographies, that has escaped his notice in order that such work may be mentioned in a subsequent issue of this series of Information Circulars.

Any further information concerning these bibliographies or any of the other relevant IUPAC activities can be obtained from the compiler of this report at the following address:

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The following notice relating to the International Bibliographies, published earlier by the National Bureau of Standards, Washington, D.C., and more recently taken over by Dr. M.G. Hocking of Imperial College, London, England, has been received from him with the request that it be included in the national bibliographies, so that the recipients of these documents shall be fully informed concerning the availability and prices of back and future issues of the "International Bibliographies on High-Temperature Chemistry and Physics of Materials", published under the auspices of the International Union of Pure and Applied Chemistry.

IUPAC: Bibliography on the High-Temperature Chemistry and Physics of Materials: Availability and Prices

1. Back Issues

July, Aug., Sept. 1968 and earlier issues; free. For these, please apply to: Dr. T. Coyle, Inorganic Chemistry Division, N.B.S., Washington, D.C. 20234, U.S. A.

Oct., Nov., Dec. 1968 to Jan., Feb., March 1970: These are available as NBS Special Publications 315 and 315-1 to 315-5, price 75 cents (except 315-3 which is \$1.00) and are available from U.S. Government Printing Office, Washington, D.C. 20402, U.S. A.

July, Aug., Sept. 1970 (<u>14</u>, No. 3) and onwards; available from M.G. Hocking, Metallurgy Department, Imperial College, London, S.W. 7, England. These are 90 cents each, postage paid (add 75 cents for air mail delivery). The first issue in this series (<u>14</u>, No. 2) is out of print and only available as a Xerox copy, price \$3.00, postage paid.

2. Future Issues

These are available by annual subscription of £1.50 or \$3.60 which covers printing costs and surface mailing (4 issues). For air mail, add £0.60 (Europe) or £1.25 (\$3.00) (outside Europe), per annum.

Subscriptions are due on 1st of April and the subscription year is April to April. A simple accounting system is used, and it is essential that all subscriptions must end on 31st of March. Those who may wish to commence subscriptions part way through the year should therefore remit in direct proportion to the remaining period ending 31st of March.

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BIBLIOGRAPHY OF WORK ON HIGH-TEMPERATURE

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International Union of Pure and Applied Chemistry Commission on High Temperatures and Refractory Materials

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collected by Dr. Norman F.H. Bright, Mines Branch, Ottawa.

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Ni1

C. Devices for physical measurements at temperatures above 1000°C

Ni1

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Nil

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Nil

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