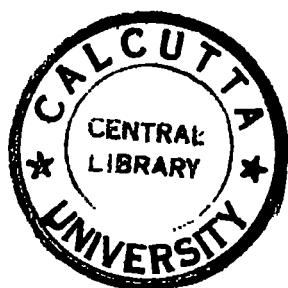


CNK-A1428-T877

**STUDY OF OPTICAL AND MAGNETIC PROPERTIES
OF SOME TRANSITION METAL IONS**

THESIS SUBMITTED FOR THE DEGREE OF
DOCTOR OF PHILOSOPHY (SCIENCE)
OF THE
UNIVERSITY OF CALCUTTA



SCANNED

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