

The University of Chicago

SUFFICIENT CONDITIONS FOR A
MINIMUM IN THE PROBLEM OF
LAGRANGE WITH ISOPERI-
METRIC CONDITIONS

A DISSERTATION SUBMITTED TO THE
FACULTY OF THE DIVISION OF THE
PHYSICAL SCIENCES IN CANDIDACY FOR
THE DEGREE OF DOCTOR OF PHILOSOPHY

DEPARTMENT OF MATHEMATICS

1935

By

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Reprinted from

CONTRIBUTIONS TO THE CALCULUS OF VARIATIONS, 1933-37
The University of Chicago Press, 1937