## LECTURES ON DIOPHANTINE APPROXIMATIONS

Part 1: g-adic numbers and Roth's theorem

By KURT MAHLER

Prepared from the notes by R.P. Bambah of my lectures given at the University of Notre Dame in the Fall of 1957

## Copyright 1961 UNIVERSITY OF NOTRE DAME

PHOTOLITHOPRINTED BY CUSHING - MALLOY, INC. ANN ARBOR, MICHIGAN, UNITED STATES OF AMERICA 1961 Dedicated in Gratitude

to

L. J. Mordell