

# CONTENTS

## INTRODUCTION

*S. S. Chern, 1*

## WHAT IS ANALYSIS IN THE LARGE?

*Marston Morse, 5*

## CURVES AND SURFACES IN EUCLIDEAN SPACE

*S. S. Chern, 16*

## DIFFERENTIAL FORMS

*Harley Flanders, 57*

## ON CONJUGATE AND CUT LOCI

*Shoshichi Kobayashi, 96*

## SURFACE AREA

*Lamberto Cesari, 123*

## INTEGRAL GEOMETRY

*L. A. Santalo, 147*

INDEX, 195