

# CONTENTS

---

## CHAPTER I

	PAGE
THEOREMS OF MENELAUS AND CEVA . . . . .	1
THE NINE-POINT CIRCLE . . . . .	11
SIMPSON'S LINE . . . . .	13
AREAS OF RECTANGLES . . . . .	18
RADICAL AXIS . . . . .	23

## CHAPTER II

MEDIAL SECTION . . . . .	30
MISCELLANEOUS THEOREMS . . . . .	37
SIMILAR AND SIMILARLY SITUATED POLYGONS . . . . .	39

## CHAPTER III

HARMONIC RANGES AND PENCILS . . . . .	43
THE COMPLETE QUADRILATERAL . . . . .	49
POLES AND POLARS . . . . .	50
MAXIMA AND MINIMA . . . . .	60

## MISCELLANEOUS EXERCISES

LOCI . . . . .	68
THEOREMS . . . . .	73
PROBLEMS . . . . .	82