

CONTENTS.

CHAP.	PAGE
I. INTRODUCTION	1
II. THE FUNDAMENTAL THEOREM	21
III. TRANSVECTANTS	36
IV. TRANSVECTANTS (<i>continued</i>)	53
V. ELEMENTARY COMPLETE SYSTEMS	85
VI. GORDAN'S THEOREM	101
VII. THE QUINTIC	128
VIII. SIMULTANEOUS SYSTEMS	158
IX. HILBERT'S THEOREM	169
X. GEOMETRY	183
XI. APOLARITY AND RATIONAL CURVES	213
XII. TERNARY FORMS	246
XIII. TERNARY FORMS (<i>continued</i>)	274
XIV. APOLARITY (<i>continued</i>)	299
XV. TYPES OF COVARIANTS	319
XVI. GENERAL THEOREMS ON QUANTICS	339
 APPENDIX I. THE SYMBOLICAL NOTATION	365
,, II. WRONSKI'S THEOREM	370
,, III. JORDAN'S LEMMA	375
,, IV. TYPES OF COVARIANTS	378
 INDEX	381