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J. Edmund Wright

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INVARIANTS
OF
QUADRATIC
DIFFERENTIAL FORMS

by

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PREFACE

THE aim of this tract is to give, as far as is possible in so short a book, an account of the invariant theory connected with a single quadratic differential form. It is intended to give a bird's eye view of the field to those as yet unacquainted with the subject, and consequently I have endeavoured to keep it free from all analysis not absolutely necessary.

It will be found that the rest of the tract is independent of Chapters III and IV. These chapters are included so as to give an account, as far as possible complete, of the various methods that have been applied to the subject. The most successful method is that outlined in the remainder of the book. This method, begun by Christoffel, owes its modern development mainly to Ricci and Levi-Civita, and it is hoped that this tract may induce some of its readers to turn to their papers.

J. EDMUND WRIGHT.

TRINITY COLLEGE.

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