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ANALYTIC GEOMETRY

BY

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PREFACE

The author of this text believes that the differential calculus should be given to the student in college at the earliest possible moment, and that to accomplish this a short course in analytic geometry is essential. He has, therefore, written this text to supply a course that will equip the student for work in calculus and engineering without burdening him with a mass of detail useful only to the student of mathematics for its own sake. The exercises are so numerous and varied that the teacher who desires to spend a longer time on analytic geometry can easily do so; and, indeed, if more than the briefest course is given, the best way to spend the time is in working a large number of varied examples based upon the few fundamental principles which occur constantly in practice.

The author is indebted to Professor H. W. Tyler and Professor E. B. Wilson for many suggestions and to Dr. Joseph Lipka for valuable assistance both in the preparation of the manuscript and the revision of the proof.

H. B. PHILLIPS

Boston, Mass.
August, 1915.