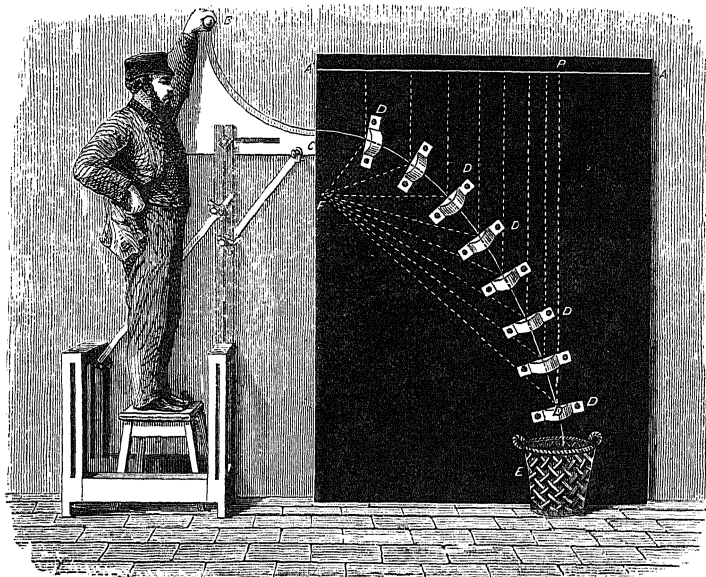


# EXPERIMENTAL MECHANICS



THE PATH OF A PROJECTILE IS A PARABOLA.

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# EXPERIMENTAL MECHANICS

A COURSE OF LECTURES

*DELIVERED AT THE ROYAL COLLEGE OF SCIENCE  
FOR IRELAND*

BY

SIR ROBERT STAWELL BALL, LL.D., F.R.S.

ASTRONOMER ROYAL OF IRELAND

FORMERLY PROFESSOR OF APPLIED MATHEMATICS AND MECHANISM IN THE  
ROYAL COLLEGE OF SCIENCE FOR IRELAND (SCIENCE AND ART DEPARTMENT)

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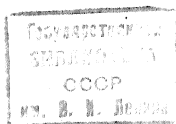
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## PREFACE.

I HERE present the revised edition of a course of lectures on Experimental Mechanics which I delivered in the Royal College of Science at Dublin eighteen years ago. The audience was a large evening class consisting chiefly of artisans.

The teacher of Elementary Mechanics, whether he be in a Board School, a Technical School, a Public School, a Science College, or a University, frequently desires to enforce his lessons by exhibiting working apparatus to his pupils, and by making careful measurements in their presence.

He wants for this purpose apparatus of substantial proportions visible from every part of his lecture room. He wants to have it of such a universal character that he can produce from it day after day combinations of an ever-varying type. He wishes it to be composed of well-designed and well-made parts that shall be strong and durable, and that