



EXPERIMENTA

75 Physics Experiments
with Simple Equipment
for Secondary Education

Santiago Velasco Maíllo
Alejandro del Mazo Vivar
María Jesús Santos Sánchez



Ediciones Universidad
Salamanca

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75 PHYSICS EXPERIMENTS
WITH SIMPLE EQUIPMENT
FOR SECONDARY EDUCATION

SANTIAGO VELASCO MAÍLLO, ALEJANDRO DEL MAZO VIVAR
Y MARÍA JESÚS SANTOS SÁNCHEZ

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Maquetación:
Alejandro del Mazo Vivar

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Teléfono: 923 26 01 11
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When designing the curriculum for science subjects in secondary education, the goal is often to present, reinforce and examine theoretical contents in greater depth by means of practical activities. The purpose of this book is to offer a series of Physics experiments related to the core contents of this subject taught within secondary education. All the experiments contained in this book use materials and equipment students are familiar with, which are inexpensive and easy to source, either at school, at home, or in nature.

We want this book to be an educational resource for Physics teachers. It presents a total of 75 experiments, divided into eight blocks: motions; forces; fluids; mechanical energy; heat and temperature; wave motion, sound and light; electrostatics; and electromagnetism.