

International Seminar on Applied Geometry in Andalusia

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Physics in Action

Year after year I have collected experiments that judged useful to empirically illustrate my courses of General Physics, Mechanics or Thermodynamics. To my surprise, this repeated eagerness has been the germ of a Recreative Physics subject for students, a book, a collection of experiments, a Web page, a number of posters, etc., that collect a varied catalogue of surprising experiments going from the pure physical facts to everyday experience. I have tried that these experiments be both suggestive and capable to quickly catch the student's attention. But I also have sought that they were reasonable both from the educative and economic points of view. That is, they are designed for educating and attracting the students, by means of their paradoxical and funny ingredients. Undoubtedly, the educative success would be evident if the students fall in the temptation of successfully showing them to their families and friends. This will have the additional merit of contributing to generational re-education.