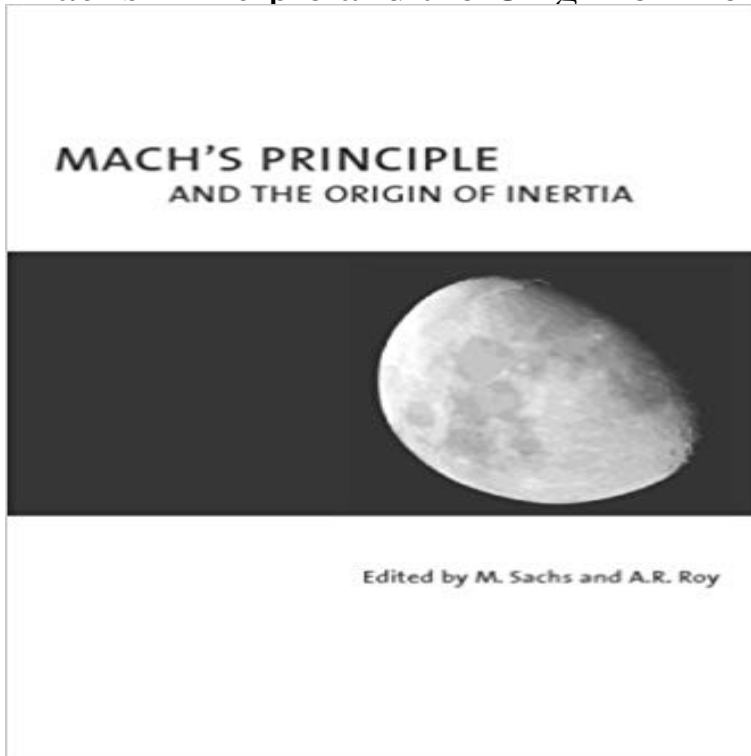


## Machs Principle and the Origin of Inertia



This volume consists of a selection of refereed invited lectures presented at the International Workshop on Machs Principle and the Origin of Inertia which was held at the Indian Institute of Technology, Kharagpur, India, as a part of the golden Jubilee celebrations of the Institute, from February 6 to 8, 2002. The Workshop was organized by the Centre for Theoretical Physics of the Institute with Prof. A.R. Roy as the Organising Secretary. It also includes a few contributions from experts who could not attend the Workshop. Inertia is one of the main physical properties of all bodies. Its origin poses problems of a fundamental nature. Ernst Mach proposed that the inertia of any body is caused by its interaction with the rest of the Universe. The idea reflects a deep connection between the cosmos at large and its individual constituent bodies, thereby implying a holistic conception of nature. On the whole, Ernst Mach had a seminal influence on the evolution of Physics in the 20th Century, and will influence the future development of Physics in the 21st Century. It is interesting that many of his ideas play a role (directly and indirectly) in opposite positions within contemporary physics. His epistemological viewpoint of positivism clearly influenced the basis of quantum mechanics. On the other hand his non-atomistic model of matter and the accompanying interpretation of inertial mass (the Mach Principle) influenced the holistic approach of the continuous field concept of the theory of general relativity, as a general theory of matter. The contributions to these proceedings demonstrate Machs influence on contemporary thinking. For we see here the views of an international group of scholars on the implications of Machs principle in physics and astrophysics. The ideas presented here could affect the path of study in physics for many generations to

come.

Agradable ruta realizada junto al Bilbao Alpino que parte desde la localidad alavesa de Guinea, en la vertiente Sur de la sierra de Arkamo y que discurre por las cimas de Olvedo, Pelistornes y Cantoblanco.

Desde Guinea el camino es muy evidente, ya que las dos primeras cimas están muy cerca y separadas por un pequeño collado. Su subida es corta y casi directa y está señalizada justo a la salida del pueblo.

Al Olvedo se llega relativamente rápido. A pesar de que las nubes a veces nos impiden apreciar las vistas, el paisaje se intuye precioso.

2017-01-22\_10-36-17

Para pasar del Olvedo al Pelistornes tan sólo tenemos que cruzar el collado y llegaremos en apenas 10 minutos a nuestra segunda cima del día.

2017-01-22\_10-53-02

Una vez coronadas las cimas anteriores hay que continuar la travesía en dirección a la al Cantoblanco, que se asciende tras un durillo cortafuegos.

20170122\_123405

Desde la cima tenemos justo en frente el Montemayor, máxima altura de la vecina sierra de Arkamo.2017-01-22\_13-00-09

Finalmente, iniciamos el descenso hacia la curiosa localidad de Salinas de Añana...

20170122\_142807

...donde podremos completar la ruta con una visita a las propias Salinas.

20170122\_142812

Una ruta de unos 15 kilómetros sin dificultades reseñables. Únicamente se hace necesaria logística de vehículos. De no tener esta facilidad entonces es mejor realizar únicamente la subida al Olvedo y Pelistornes.

Tu voto:

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Los Retos de 2017

Publicado el 01/24/2017 por 12meses12montes

Bueno, un nuevo año que ha pasado y uno nuevo que acaba de comenzar. 2016 fue un año muy intenso, si bien los retos que nos marcamos en un principio sólo se vieron cumplidos en una tercera parte. No fue un buen año para ellos, ésta vez la alineación de planetas se generó en pocas ocasiones.

Sin embargo, no decaemos. Cogemos el testigo y no vamos a desistir en su intento, por lo que los retos que no

conseguimos cumplir en 2016 serán los que tratemos de realizar en 2017, más algunos otros, a ver qué os parecen. Seguir leyendo

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