



The Gyroscope (Classic Reprint)

By Frederick Joaquim Barbosa Cordeiro

Forgotten Books, United States, 2015. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****.Excerpt from The Gyroscope Our exact knowledge of Rotary Motion, as of Dynamics in general, dates from the time of Newton. Euler, Laplace, Lagrange, Poisson and Poinso^t are illustrious names in the development of the theory. Foucault, in 1855, demonstrated the rotation of the earth by means of the gyroscope, and gave it its name. Its practical applications date from yesterday. These began with the Griffin Grinding Mill, and have been followed by the Howell and Obry devices for keeping a torpedo on a straight course, the Schlick Stabilsator for ships, the Brennan Gyro-Monorail, the Anschuetz-Kaempfe Gyro-compass, and the end is not yet. The theory of rotary motion is not simple, nor is it yet complete. Not all inventors have understood the reason for their devices, and not all mathematicians have had a clear conception of the theory, as evidenced by the unnecessary complication of their treatments. Attempts have been made to explain gyroscopic action without mathematics, or at least without the Calculus. It is hardly necessary to say that all such attempts are futile. It is...



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