


[DOWNLOAD](#)


A Treatise on the Analytical Dynamics of Particles and Rigid Bodies With an Introduction to the Problem of Three Bodies

By Edmund Taylor Whittaker

RareBooksClub. Paperback. Book Condition: New. This item is printed on demand. Paperback. 108 pages. Dimensions: 9.7in. x 7.5in. x 0.2in. This historic book may have numerous typos and missing text. Purchasers can download a free scanned copy of the original book (without typos) from the publisher. Not indexed. Not illustrated. 1904 Excerpt: . . . vertical and vertex downwards, shew that the vibration-period is $\frac{2\pi}{\omega}$ where ω is the semi-latus rectum of the paraboloid. (iii) To determine the vibrations about steady motion of a top on a perfectly rough plane. Let A denote the moment of inertia of the top about a line through its apex perpendicular to its axis of symmetry, and let θ denote the angle made by the axis with the vertical, M the mass of the top, and h the distance of its centre of gravity from its apex: then we have seen (71) that after ignoring the Eulerian angles ϕ and ψ , the angle θ is determined by solving the dynamical system defined by the kinetic potential $R = \frac{1}{2} Mgh \cos \theta + \frac{1}{2} J \dot{\theta}^2$ where a and b are constants depending on the initial circumstances of the motion. Let a, n , be the values...



[READ ONLINE](#)

[2.39 MB]

Reviews

Very useful to all of group of folks. I could possibly comprehend every little thing using this created e book. You wont truly feel monotony at anytime of your time (that's what catalogs are for concerning in the event you ask me).

-- **Claire Carroll DVM**

Absolutely essential study ebook. It is among the most remarkable book i have got read through. You will like how the article writer compose this pdf.

-- **Jessie Rau**