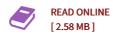




## Sandhurst mathematical papers for admission into the Royal Military College for the years 1881-1889

By E. J. Brooksmith

RareBooksClub. Paperback. Book Condition: New. This item is printed on demand. Paperback. 28 pages. Dimensions: 9.7in. x 7.4in. x 0.1in.This historic book may have numerous typos and missing text. Purchasers can usually download a free scanned copy of the original book (without typos) from the publisher. Not indexed. Not illustrated. 1890 edition. Excerpt: . . . by OA, OB, OC. Prove that if L, M, and N be the algebraical sum of their moments in any one direction round A, B, and C respectively, then L --(M N). 3. Show how to find the centre of gravity of any given heavy particles rigidly connected. Weights 3, 3, 4, 5, 1, 6 are placed in the foregoing order at the successive angles of a regular hexagon; find their centre of gravity. 4. Determine the condition of equilibrium when a heavy body is placed upon a horizontal plane. A pile of four penny pieces stands upon a table; find the greatest possible horizontal distance between the centres of the highest and lowest. 5. What are the conditions of equilibrium of any number of forces in one plane Two heavy rods A OB and COD equal to each other in all respects are...



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