The elastic field outside an ellipsoidal inclusion or inhomogeneity may be expressed entirely in terms of the harmonic potential of a solid ellipsoid. The solution gives incidentally the velocity field about an ellipsoid which is deforming homogeneously in a viscous fluid. An expression given previously for the strain energy of an ellipsoidal region which has undergone a shear transformation is generalized to the case where the region has elastic constants different from those of its surroundings. Proceedings B. Our flagship biological research journal, dedicated to fast publication and worldwide dissemination of high-quality research. Editor-in-chief: Professor Spencer Barrett FRS Access status: Open access options available. The Royal Society journal of the history of science. Editor-in-chief: Professor Anna-Marie Roos Access status: Open access options available. Biographical Memoirs. Fellows of the Royal Society: Memoirs. Biographical Memoirs. A unique compilation of memoirs celebrating the lives and scientific achievements of Fellows of the Royal Society. Editor-in-chief: Professor Malcolm Longair CBE, FRS, FRSE. Information and resources. Proceedings of the Royal Society is the parent title of two scientific journals published by the Royal Society. Originally a single journal, it was split into two separate journals in 1905: Part A: which publishes research related to mathematical, physical, and engineering sciences (including computer science). Part B: which publishes research related to biology. Royal Society (Great Britain). Taylor & Francis, 1871. 0 Reviews. Preview this book ». What people are saying - Write a review. We haven't found any reviews in the usual places. Remarks on Sir Heppels Theory of Continuous Beams By W J Macquorn. 68. It was proposed by Mr. LATHAM, seconded by Mr. FIELD, and resolved:― That the thanks of the Society be given to the President for his Address, and that he be requested to allow it to be printed in the Quarterly Journal of the Society. Appears in 134 books from 1823-1969. More.