GRAVITY RESEARCH FOUNDATION
58 Middle Street
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SELECTED ESSAYS FOR 1960

Allais, Maurice - INTERPRETATION DES ANOMALIES DE LA PESANTEUR COMME UN EFFECT D'ECRAN DES ACTION GRAVIFIQUES. (also in English) A new explanation of isostacy.

Belinfante, F.J. - ON THE QUESTION WHETHER FAST MOTION OR FAST ROTATION OR VIBRATION OF AN OBJECT CAN DECREASE THE EFFECT OF GRAVITY ON IT. An excellent refutation of gyropropulsion.

Bostick, Winston H. - A METHOD FOR MEASURING THE GRAVITATIONAL MASS OF ANTI-MATTER. This depends for its success on the production of a nearly perfect vacuum.

Crow, W. B. - POLARITY, GRAVITY, AND LIFE. Biological evidence of anti- gravity.

DeBeauregard, O. Costa - THE HYPOTHESIS OF THE INERTIAL AND GRAVITATIONAL SPIN EFFECTS, II. Reasonable but so-far beyond experimental verfication.

DeWitt, Bryce S. - GRAVITATIONAL RESEARCH: THE COMING DECADE. An excellent description of present achievements and possible progress.

Duty, Ronald L. - A THEORY OF GRAVITY. Mathematically quite convincing but less so physically.

Fiala, Harvey and Bonnie - DETERMINING THE SPEED OF GRAVITATIONAL INTERACTION BY COMPARING IT WITH THE SPEED OF LIGHT. Needs more sensitive apparatus than any yet available.

Greenwood, James H. - CONTROLLED GRAVITATIONAL FIELD GENERATION AND DETECTION. Similar to a paper by Kearns.

Gresky, A. T. - LEVITATION, ANTI-GRAVITY, AND THE UNIFICATION OF PHYSICAL LAWS. An array of fascinating mathematical relationships. Some equations of doubtful validity.

Haavik, Arne G. - TACTICS IN GRAVITATION RESEARCH. Would devise a trap for gravitons.

Hoffman, Banesh - THE IMPORTANCE OF THE NOON-MIDNIGHT RED SHIFT. This could detect the shielding action of the earth.

Huches, W. F. - SCHWARTZSCHILD SINGULARITIES AND ANTI-GRAVITY. Ingenious but not convincing.

Lohninger, W. J. - THE EQUALITY OF GRAVITATIONAL AND INERTIAL MASS
THE PRINCIPLE OF EQUIVALENCE
GRAVITATIONAL OR GRAV-INERTIAL WAVES. These three papers give excellent explanations of known theories and phenomena.

Lyon, Charles J. - PLANT FORM AND FUNCTION DEPEND GREATLY ON GRAVITY. Biological rather than physical gravitational phenomena.

Motz, Lloyd - GRAVITY AND THE NATURE OF FUNDAMENTAL PARTICLES. Makes use of gauge invariance and Weyl's theory. Could be very important.

Philip, J. R. - INERTIA AS A GRAVITATIONAL DOPPLER EFFECT. Quite plausible.

Sciama, D. W. - ON THE EMISSION AND ABSORPTION OF GRAVITATIONAL RADIATION. Describes conditions necessary for gravitational radiation.

Stoner, John C., Jr. - GENERATION AND DETECTION OF GRAVITATIONAL RADIATION. Suggests a crystal experiment.

Swann, W. F. G. - CAN THERE BE A SHIELD FOR GRAVITATION? Describes the conditions necessary for absorption.

Urbonas, A. J. - GRAVITY AND ITS EFFECTS ON MATTER AND ENERGY. He makes the suggestion that inertia is proportional to energy rather than mass.