

Sixth Paper (A.N. #5140, Vol. 217):

Wave-Theory of Chemical, Explosive, & Vital Forces...Development of Heat in Chemical Reactions as a Proof of the Wave-Theory...Geometric Basis of the Atomic Arrangement in the Wave-Theory & the Source of Power in High Explosives...Radioactivity & Organic Growth...Direct Evidence of Wave Theory... Conclusion...Part Two: Discovery of the Cause of Universal Gravitation... Rigorous Geometric Analysis confirms Tension in the Aether between 2 Stars... The Cause of Universal Gravitation...Summary of Chief Results of the New Theory of the Aether...The Tension of the Aether: Wave-Theory & the Newtonian Theory of Central Force directed to the Focus of the Conic Section...Postscript... ..

Seventh Paper (A.N., Vol. 217, Oct. 22, 1922):

Discovery of the Cause of Magnetism & of a Remarkable Connection between Magnetism & Universal Gravitation...New General Formulae for the Intensity of the Ponderomotive Force in the Magnetic Field...Verification of Biot's Law: an Experimentum Crucis as to the Nature of Magnetism... Investigation of the Supposed Motion of the Magnetic Poles in the Earth... Theory of Earth's Magnetic Moment...Gauss' General Theory of Earth's Magnetism ...The Mutual Potential Energy and the Mutual Action of Two Magnetic Systems... Velocity of the Propagation of Universal Gravitation...Explanation of the Periodic and Secular Changes in Earth's Magnetism...Conclusion... ..

Eighth Paper (A.N., Vol. 226, Feb 27, 1926):

A Supplement of the Discovery of the Cause of Gravitation ---Part One: Analysis of the Progress of the Problem...An Investigation of the Physical Cause underlying the Forces of Nature which follow the Law of Inverse Squares... Part Two: Geometrical & Physical Explanation of the Law of Inverse Squares... Observational proof of the Existence of Electrodynamic Waves from the Sun, Moon & Planets...Geometrical & Physical Significance of Laplace's Potential Function V: Lagrange's Force Function U, for Newton's Law of Mutual Attraction... Explained by Wave-Action...Wave-Effect of Tension between and Pressure behind 2 Centres of Disturbance...Confirmation of Wave-Theory of Universal Gravitation by Definite Laboratory Experiments...Part Three: Velocity Potential of ϕ with the Solution of the Fourier-Poisson Potential for Waves in the Aether... Some Geometrical & Physical Grounds for Wave-Theory representation of the True Order of Nature...Investigation of an Infinite Integral arising in the Wave-Theory of the Aether as applied to the Stars... Numerical Example of an Analogous Method of Integration by Successive Approximations... .. Part Four: Theorems of Laplace & Poisson on the Invariability of the Major Axes & Mean Motion of the Planets generalized for all the Higher Powers of the Masses...Brief Criticism of Certain Traditional Theories...Concluding Note on the Lunar Theory... ..