



## An Isolated Atomic Particle at Rest in Free Space: Tribute to Hans Dehmelt, Nobel Laureate

By E Norval Fortson, Ernest M. Henley

Alpha Science International Ltd. Hardback. Book Condition: new. BRAND NEW, An Isolated Atomic Particle at Rest in Free Space: Tribute to Hans Dehmelt, Nobel Laureate, E Norval Fortson, Ernest M. Henley, "An Isolated Atomic Particle at Rest in Free Space" features recent ground breaking research inspired by the work of Physics Nobel Laureate Hans Dehmelt. This monograph not only honours a great individual but presents a snapshot of current frontiers of physics. Experts describes: magnetic resonance imaging of patients' lungs; keeping time with the best clock known - a single atomic ion; measuring and calculating the magnetism of a single electron to parts per trillion accuracy; weighing the energy of a chemical bond; and creating clouds of anti - atoms in the laboratory and much more. Also includes Nobel Laureate (2005) Professor John L Hall's chapter on Optical Frequency Standards and their Measurement.



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