PAST ACCELERATOR PHYSICS

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Albert Einstein postulated only for *maximum mass energy w*ith $E = mc^2$. We present dialectic antithesis for Einstein's Equation *w*ith $Ep = m (< c^2)$, *mass energy at less speed of light is ground state energy potential. F*or energy of unstable nuclei released in a heterogeneous non-fertile field can become the fields' energy. When a field is ground state, all radioactive prodigies surcease because primal heritage desists and benign stability results since the energy normally conceived to daughters by natural decay becomes embryonic energy for the field instead. Whereby *a*typical collision mechanics for quanta structures more efficient and practical than *t*ypical collider - accelerator physics (such as that rehearsed at Fermi Lab, JLab, ANL, LANL, etc.) facilitate heterogeneous nucleation to pattern minority unstable energy (*e*) to majority stable field energy (*E)* when general unified field force (*F)* subsides and capture is complete. Energy in entropy fosters field energy equilibrium. *I*n Einstein's Equation, mass/energy (with normal binding energy) increases with velocity. *B*y *dialectic equilibrates mass/energy is decreased when velocity is reduced by negating binding energy's potential.* Hence, unstable mass/energy (m_e) transforms to rest (m_o) to precipitate into capture field (mE) stable. Such that matter and energy are interchangeable and different only in form, we simply replicate the phenomenon that unstable energy in proper extreme *a*typical violent collisions, by its antithesis, synthesizes to its ground state form of energy in one forward non-sustaining reaction. Ground state is reached *and further radioactive decay is denied*.