

Abstract Submitted  
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**Quantum-Spacetime(QST) Empty/Black(E/B) Lemaitre-De Sitter(LD) Universe-Evolution(UE) Creep-Plasticity (CP) Time-Series(TS) Burst-Acoustic-Emission(BAE) Serrated-Yielding(SY)/ Portevin-LeChattlier-Effect(PLE) Transition to Visco-Elasticity/Plasticity(VEP)** EDWARD SEIGEL, Retired, FRANK NABARRO, PETER FELTHAM, ANDREW JONSHER, JAMES ESHELBY, JOHN BILBY, RUDOLPH PEIERLS, ALAN BRAILSFORD, MICHAEL ASHBY, JACQUES FRIEDEL, GEORGE ANSEL, ANTHONY ARROTT, MALCOLM HEPWIRTH, LLOYD MOTZ, FREDRIC YOUNG, FUZZYICS/(SPD/M) — LD UE CP TS SY/PLE HT Kaiser-effect(KE) dominated BAE[aka Silk/Shapiro/Tegmark baryon-acoustic-oscillations(BAO)]-Siegel[MSE(71);APS Shocks Confs.:Chicago(05);...; (21)] shocks BAE SY/PLE transition to relatively-smooth CP [Siegel[CB BAE, PSS (71)-2 pprs;Intl.Conf.AE,Tokyo(76);XI-Lattice-Defects(77);Intl.Conf.Internal-Friction/Ultra-sonic-Attenuation,UK(79);Aristotle Birthday Symp.Physics/Mechanics,Thessaloniki(90)]; and memoryful/hysteresis Bauschinger-effect/dynamic-plasticity-rebound-overshoot cyclicality[van Bueren[Imperfections/Crystals(61)-p240];[Singular-Perts./Hysteresis (05)];Siegel [IEEE Ultra-sonics Symp.(73);Acta Met.(77)]. Deep-connections exist to cosmogony/GR-FE LD-solutions as CP-UE[Pathria[G-R(74)-p277];M/T/W[Gravitation(73)-p.1207/8];Genz[Nothingness(99)]; Siegel[APS 4-Mtg.(20)] E/B Minkowski fluctuating QST/firmament/tohu: UE as/IS(!) CP Guth/inflation balloon: UE VEP mechanics!/biology?

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Retired

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