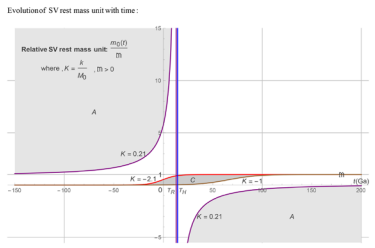
APM©

Institute for the Advancement of Physics and Mathematics

Purpose of the APM Institute is the progress and Advancement of Physics and Mathematics



Fundamental physics, Cosmology, Iterative systems, Chaos, Information physics, History of science, are some topics pursued by the institute's researchers

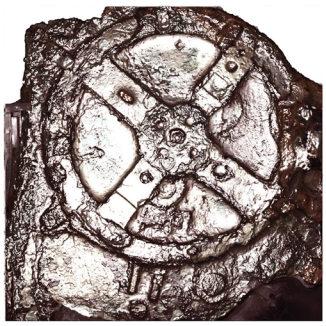
Continuous iteration of functions

$$u^{[t]}(a) = \lim_{k\to-\infty}\left(u^{[k]}\circ \overset{s}{\underset{k\le j<\infty}{\bigcirc}} [m(t+b-j)\,u(s)]\,(x)\right)$$

Law of rest mass (m_0) selfvariation:

$$\frac{\partial}{\partial t}\left(m_0 - \frac{b\,\hbar}{m_0\,c^2}\,\frac{\partial\, m_0}{\partial t}\right) = 0$$

A particularly interesting research topic is the physical Theory of Selfvariations, originated by Emmanuil Manousos in 2007



The Antikythera Mechanism, is the first computer, astronomical clock and mechanical cosmos constructed ca. 150 BC. (Prof. Xenophon Moussas)

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13 Pouliou str., 11523 Athens, Greece