

## EXTRA-TEMPORAL CAUSALITY

*Maimonides* formulated, according to ancient Hebrew thought and learning, that time was injected into space and time appeared simultaneously with the origin of our universe; *Spinoza* explained that only finite phenomena are time-bound and that eternal truth is timeless. The natural extension of energy process levels determines the physical properties of time, all living organisms are time automata (local clocks) and the electromagnetic field of living time systems indicates their energy level or rate of time-flow while the human brain registers these differentials in scalar potentials of photonic electrodynamics. All cause-effect processes are linked to an initial position of energy as **temporal causal mechanics** and energetic level variations lead to causal variations; gravitational *energy* and longitudinal *waves* are even able to enter and leave atomic nuclei: light wave behavior is changed by variations of photonic reality. *Moshe Carmeli* (astro-ph-0103008) observed a backward motion of cosmological time or cosmic unified world time (global clock), leading to the physical consequence of universal extra-temporal causality; the quantum scientific method is applied research into the wave structure of matter which originated from extra-temporal causality of *light as Zeitgeber*.

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