

**Law of informational cosmic spacetime:  $E = {}^i mc^2$** 

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Combining **mass** and **energy** with **information** in the inseparable quantum equivalence of  $E = {}^i mc^2$  has opened a new **informational medicine to help patients maintain truth, good health and beauty** (Klimek R., *Threefold Material-Informational-Energetic Reality:  $E = {}^i mc^2$ , Biocosmology–neo-Aristotelism*, Vol. 4(4), 2014: 408-409; Klimek R., *Information equation  $E = {}^i mc^2$  of Cosmic Beings - 20 Questions to Professor Rudolf Klimek: The President, World Information University; In the Style of Socratic Dialogue, Biocosmology–neo-Aristotelism*, Vol.9(3&4),2019:218-229).

The essence and existence of **information rays and patterns (fields)** were proved by experimental documentation of human sight's nature, e.g., using the mirror at which everybody looks every day. A **mirrored picture** does not contain any single atom of the natural person because it appears thanks to **resonating informational field ("pattern information")**, wherein the information rays coming from a real object and from eyes (sight's rays) meet together and resonance due to having the identical value of their unique character. **The information rays and patterns** have been used to explain many medical problems at the level of symptoms and body signs. **Medicine** now moved from the basic level of **cellular nuclei** towards the **atomic nuclei** with a thermodynamic interpretation according to the **philosophy of cosmic being**, summarized in the books: R. Klimek "**Information Medicine- $E = {}^i mc^2$** " ( WIU, ISBN 978-83-923871-5-2, Cracow 2018 and BCnA 2019, 9, 369-492).

**Each cosmic part (being) consists of information, mass, and energy**, whose quantum equivalence feedback  $E = {}^i mc^2$  is raised to the power of **information ( $=^i$ )**, which belongs to its cause while already also part of its effect with its environment. For example, each **human cell threatened with the end of its metabolism may extend its life as a neoplasm cell only with increased information, mass, and energy dissipation in its environment**. This dissipation becomes a local sign of carcinogenesis, which begins with an illness threatening the existence of the whole multi-cellular organism (R. Klimek. **Psycho-neuro-cybernetic Conquest of Carcinogenesis and Cancers**. Nova Biomedical, New York, 2015. Klimek R., Tadeusiewicz R., Gralek P. **Virtual information links Matter and Energy** in: Hisaki Hashi (ed)

*Philosophy of Nature in Cross-Cultural Dimensions*. Dr Kovac Publ., Hamburg, 2017: 197-217)).

The **invisible informational rays of details** on the principle of **resonance** create an image of the **original object** without the participation of its atoms. Already in the Middle Ages Polish-Turing scientist **Vitelon** (1220-1280) believed that in addition to light radiation, penetrating only through transparent structures - there is a specific type of **optical radiation** in the range of colors and shapes, which is called **information radiation** today. **Information** (from Latin *informare – to form or transform*) means the act of informing and **the action of giving form to the being, thus realizing its natural state and development**. My theory of **being** treats the properties and essence of the cosmos as an inseparable material, energetic and informational whole, understood in quantum approach by the equation  $E = {}^i mc^2$  also during interpersonal communication as an exchange of verbal, vocal, and non-verbal signals (symbols) using nuclear magnetic resonance, where the electromagnetic field leads to technically resonant only atoms of selected elements, and their behavior can detect cancer and the place of their potential self-organization since 1980. Similarly, the whole person resonates with even a single word if he understands it and wants to know how much he can use the information he carries. Information for research purposes can be separated from the waves of light composed of photons. Human beings got accustomed to using predominantly material imagination, which created difficulties in understanding omnipresent, transparent, colorless **information, which has an attribute of polymorphism and may exist in many different forms yet remain itself, i.e., retains its identity even though it may be expressed differently**.

The human perception of the surrounding environment is identified in a visible material, and man concludes that something can be made from nothing. People utilize size, shape, look (color, smoothness, porosity), temperature, movement, and time as informational description of reality. The ability to recognize an emotional sensation, taste, or mirror reflection of the human body without parts of the body being in the mirror is an acceptable phenomenon. Each mirror picture **emerges** thanks to **resonating informational field ("pattern information") in**

**place of the observer's localization**, wherein the information rays coming from natural objects meet the sight rays from eyes, having the identical value of their unique waves. Despite their various forms, **information remains the highest element of reality and inseparable from cosmic mass and energy** in the categories of **information feedback  $E=i mc^2$** , where the electromagnetic field leads to technically resonant only atoms of selected elements.

**Mass is just a super concentrated form of energy, and both entities can be turned from one state to the other and back again owing to information rays and pattern fields (natural laws).** Today scientists leveled the visible radiation with light, and the other rays from the things are still overlooked. Together

with B. Jaskulska, we described a straightforward experiment proving the existence of **informational flame** (Fig. 1). It is enough to put a flat candle at the bottom of a transparent glass cup, and light will get an actual **image of flame** (photo 1). After a short time, you can also see and photograph its **informative second image** as an **informal graph**, which does not even ignite the match (photos 2-4), quite the contrary to real flame (pictures 5,6). After sufficiently grading the candle on the mirror surface of the molten wax, the next **informative** image of the hot seal as an **inverted information flame** will also appear. It confirms the existence of information rays in two-way swirling longitudinal and transverse waves due to new mathematical description of **being as  $E=i mc^2$** .



**Figure 1:** Experiment proving the existence of natural and informational flames

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