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Neanderthal Extinction Scheme and Complex Tectiform Geometric Proto-Writing in Altamira, La Pasiega, and El Castillo Caves are Decoded as 3 Ice Age Global Sea Gyri and Coast Navigation Maps all 3 Showing a Central Atlantic Island of an Integrative Magdalenian Azores Plateau (MAP-) Culture of Cro Magnon Constrained by a Neanderthal Extinction (Bullman-Minotaurus-Bullfight) Eliminative Cult. Littoral Theory of Hominid Evolution, Tectural Phase

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Selected for problem solving, homo specific paleo-socialisation with flat rank order is established predominantly by the »integrative problem solving-capacity« that is communication with the problem instead of repressing it. Integrative problem solving ethology is based on the inborn »gene-ritual« of at first self-referential play-behavior, then evolutionary successful in reproductive flirt behavior through at last the outer most competitive »play-aggression« (initiative, plasticity, creativity, curiosity) mirroring the subjective inner Isodynamic™ play algorithm (access, accept, express, experience) for authentic communication and integrative problem solving that guarantees an ultimately (proto-) scientific reality construction. Homo culture selectively institutionalizes the relaxed play-field precondition even for extreme threats and beyond puberty and testosterone-aggression. This »meta-play«. of culture is achieved initially not by architectural, legal or moral, ethic and aesthetic constraints, but by the homo specific »meta-ritual« of therapeutic or traumatic trance. It is stabilized with reliable and instant aggression-frustration suppression by the serotonin based Rest and Fulfilment response (Bujatti and Riederer, 1976) e.g. from ritualized aerobic diving response elicitation. Homo-culture is thus paradoxically taking recourse to the maximal threat of suffocation by hypo-metabolic diving (= dying) response physiology elicitation to enforce ultimate peace (Transcendence, Self). This is achieved by symbol-conditioned release of diving physiology originally with a diving meta-meme as first logical syntactical phoneme structure of language as self-referential tool for integrative management of Fight or Flight conflicts. Homo regression as neo-socialization to a steep predominantly agonic-hedonic primate rank order as dual problem solving institution is established by the »eliminative problem solving capacity« utilizing threat or violent-aggression for blocking off, repressing, denying, killing to solve the problem of resources distribution. The establishment of a stratified society in the first civilization is brought about by »eliminative problem solving« increasingly ritualized in the Neanderthal-bullman-human sacrifice in the cave architecture as eliminative terror cult. It progressively constrains paleo-culture in a co-evolution and is documented in the earliest complex visual symbolic communication like the »Neanderthal extinction scheme« in the cave architectural space. As creative results of this constraint in paleo-culture – neo-cult co-evolution, relevant up to present civilization, the »tectiform« geometric proto-writings in Spanish caves of Altamira, La Pasiega, El Castillo were decoded as 3 global sea gyri and littoral navigation travel-maps with a sea-current, traveltime-ship

and island code. As proto-science all 3 documents surprisingly show since 18 kybc an Atlantic island at the now 2 km submersed North Atlantic-Ridge triple junction plateau, the center of the Magdalenian Azores Plateau (MAP-) Cro-Magnon culture driven by its eliminative Neanderthal- (Bullman-Minotaurus-bullfight-) human sacrifice terror-cult into later neolithic dys-socialization and present day eliminative drugs and fear based psychosomatic patho-socialisation.

The Effect of Electromagnetic Field in Dentistry

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The data about measurements, values and use of magnets in dentistry are still scarce and show many dilemmas yet to be solved. Therefore we decided to measure magnetic fields in the environment of dental equipment. Our study samples consisted of instruments currently available in dental procedures, and a specifically constructed instrument with Hall probe was used for this measurement. The instrument for the measurement was calibrated so that the ground magnetic field and magnetic field of disturbances caused by different conductors were annulled. Then the spot, with the greatest magnetic field power was defined and the obtained value was designed as the initial point, and the measurements were repeated instrument moved away by 5 cm from the initial point, and the measurements were repeated for a long as the null value of magnetic field power for the investigated instrument was obtained. These are some of our conclusions magnetic field spreads through space in ISOTROPIC manner and decreases with increasing distance from the source. The dental equipment produces negligible effects on dental staff and patient, specially the newly designed and produced instruments. The greatest frequency obtained at the smallest distance was 100 kHz, while the sensitivity of instruments was 0.0001 μ T. The instruments producing stronger magnetic field are located far enough from the persons on whom they act.

A New STR of the D7S1530 Locus – A Useful Marker in the Human Groups Genetic Profiling

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D7S1530 is an STR located on human chromosome 7, containing a tetranucleotidic repetitive motif (GATA). Allele length for this locus ranges between 187 and 227 bp. The main objective of this work is to test the efficiency of this marker in differentiating among the major human groups. After PCR amplification and molecular separation have been carried out, genotypes were determined by means of a fluorometric detection system, using an ALF Express II Analyzer. 606 chromosomes have been analyzed from six different populations belonging to European, Near East, Western Asian, Northern African and sub-Saharan geographic areas. The values range between 81.9% and 71.2%. The common alleles 211, 215, 219, which are represented in each of the human