

The TGD based view about space-time, time and consciousness allows also to develop ideas about UFOs and aliens, in particular about possible manners by which highly developed civilizations could receive information about remote parts of the Universe and to get contact with other civilizations.

Time mirror mechanism is a basic mechanism in TGD inspired theory of consciousness and it has also technological applications including instantaneous remote sensing of geometric past, communications with geometric past, and instantaneous remote utilization of energy, and perhaps even remote induction of simple life forms, about which simplest are perhaps plasmoids. The intelligent looking light balls reported repeatedly by UFO experiencers are indeed identifiable as plasmoids and quite recent experimental findings demonstrate that plasmoids satisfy the basic criteria justifying their identification as simple life forms.

The resulting vision about highly developed life forms and about how they could study the Cosmos allows to resolve Fermi paradox summarized by the simple question "Where are they all?", and reflecting in excellent manner our misguided view about life, consciousness, and physics.

TGD suggests also a mechanism making possible to reduce gravitational and inertial masses of space-ships so that they would behave like very light system as observations indeed suggest. Plasmoids could be living space-ships able to draw their energy from environment by the time mirror mechanism. It however seems that the highly developed civilizations would probably not see the trouble to travel to distant galaxies since it is un-necessary, and the finiteness of light velocity in any case would pose very strong limitations on what they could achieve in this manner.

Chilbolton and Crabwood crop circles can be interpreted as messages

telling  
basic facts about the civilization responsible for their  
construction.  
Chilbolton message is constructed using the same format as Arecibo  
message  
and tells that both Earth, Mars, and Jupiter are colonialized.  
These crop  
circles suggest strongly the existence of intra-terrestrial life and  
this  
inspired a model for pre-biotic evolution allowing also a model for  
the  
evolution of genetic code. The highly advanced civilization could be  
identified as either intelligent intra-terrestrials or as ourselves  
in the  
geometric future using a technology based on time mirror mechanism  
to  
construct crop circles and using less intelligent intra-terrestrial  
plasmoids to construct the crop circles. Sun is depicted to have a  
smaller size as in Arecibo message, and Crabwood message came one  
year and  
one day after the Chilbolton message: these hints allow to make  
estimate  
about the temporal distance of this civilization of the geometric  
future  
from us.

The \blockquote{sacred geometry} of crop circles involving ratios of  
simple rational  
numbers, simple algebraic numbers (in particular Golden Mean), and  
 $\pi$ ,  
could be an attempt to tell us about the crucial importance of  
rational  
numbers and finite-dimensional extensions of p-adic numbers for  
cognition. If entanglement probabilities belong to an extension of  
rationals defining a finite-dimensional extension of p-adic  
numbers, one  
can assign to entanglement a positive information measure as a  
number  
theoretic modification of Shannon's entropy, and the interpretation  
as  
bound state entanglement crucial for macro-temporal quantum  
coherence is  
possible.