

This chapter analyzes the insightful interview between Lex Fridman and Neil Gerching, particularly their discussion on self-replicating machines. These machines, built from fundamental, robotic "Lego blocks" with their own assembly instructions, can self-assemble into more complex structures and disassemble, mirroring processes observed in biological systems. The discussion employs the Topological Geometroynamics (TGD) perspective, treating the universe at a quantum level as a goal-oriented system capable of assembly and disassembly. The base units within this viewpoint function akin to quantum computers, prompting further exploration into quantum gravitation, which in the TGD framework, is accountable for the longest quantum coherence scale. This leads to a view which could be blamed for a return to astrology but can be defended by the numerous miracle-like coincidences.