

DID COMPLEX LIFE COME FROM CHANCE OR A CREATOR?

The very structure of our universe is determined by these numbers:

Speed of Light: $c=299,792,458 \text{ m s}^{-1}$

Gravitational Constant: $G=6.673 \times 10^{-11} \text{ m}^3 \text{ kg}^{-1} \text{ s}^{-2}$

Planck's Constant: $1.05457148 \times 10^{-34} \text{ m}^2 \text{ kg s}^{-2}$

Planck Mass-Energy: $1.2209 \times 10^{22} \text{ MeV}$

Mass of Electron, Proton, Neutron: 0.511; 938.3; 939.6 MeV

Mass of Up, Down, Strange Quark: 2.4; 4.8; 104 MeV (Approx.)

Ratio of Electron to Proton Mass: $(1836.15)^{-1}$

Gravitational Coupling Constant: 5.9×10^{-39}

Cosmological Constant: $(2.3 \times 10^{-3} \text{ eV})$

Hubble Constant: 71 km/s/Mpc (Today)

Higgs Vacuum Expectation Value: 246.2 GeV

If any one of these numbers were altered by even a hair's breadth, no physical, interactive life of any kind could exist anywhere. There'd be no stars, no life, no planets, no chemistry.¹

Life on earth requires more than 100 very narrowly defined constants. Examples include the concentration of atmospheric oxygen, carbon dioxide, transparency, moon-earth gravitational interaction, gravity, etc.²

¹William Lane Craig, Reasonable Faith. www.reasonablefaith.org

²Norman L. Geisler and Frank Turek. I Don't Have Enough Faith to Be an Atheist. Crossway, 2004.