

Life is mathematics of answers as questions keep multiplying. In an elm and holly grove on the grounds of the National Academy of Sciences, Washington, is the Albert Einstein monument – a giant statue of physicist with the night sky at his feet – 2700 metal points showing the location of the sun, moon, planets, four asteroids, five galaxies, 10 quasars, and many stars as it was on April 22, 1979, when the memorial was dedicated. And most of it is, naturally, dark matter. – Ravi Shankar in New Indian Express

The supreme need of humanity is cooperation and reciprocity. The stronger the ties of fellowship and solidarity amongst men, the greater will be the power of constructiveness and accomplishment in all the planes of human activity. ---Baha'i writings

Nobel laureate Erwin Schrodinger's "What is Life?" is one of the great science classics of the twentieth century. It was written for the layman, but proved to be one of the spurs to the birth of molecular biology and the subsequent discovery of DNA. "What is Life?" appears here together with Mind and Matter, his essay investigating a relationship which has eluded and puzzled philosophers since the earliest times. Brought together with these two classics are Schrodinger's autobiographical sketches, which offer a fascinating account of his life as a background to his scientific writings. In February 1943 one of the most distinguished scientists of the 20th Century, Erwin Schrodinger, delivered a seminal lecture, entitled What is Life?, under the auspices of the Dublin Institute for Advanced Studies, in Trinity College, Dublin. The lecture presented far-sighted ideas on how hereditary information could be encoded in a chemical structure (periodic crystal) in living cells. Schrodinger's book (1944) of the same title is considered to be a scientific classic. The book was cited by Crick and Watson as one of the inspirations which ultimately led them to unravel the structure of DNA in 1953, a breakthrough which won them the Nobel Prize. Recent advances in genetics and synthetic biology mean that it is now timely to reconsider the fundamental question posed by Schrodinger 70 years ago. Life is code, as you heard in the introduction, was very clearly articulated by Schrodinger as code script. Perhaps even more importantly, and something I missed on the first few readings of his book earlier in my career, was as far as I could tell, its the first mention that this code could be as simple as a binary code. And he used the example of how the Morse code with just dots and dashes, could be sufficient to give 34 different specifications. I've searched and I have not found any earlier references to the Morse code, although an historian that I know wrote Crick a letter asking about that and Crick's response was, It was a metaphor that was obvious to everybody. I don't know if it was obvious to everybody after Schrodinger's book, or some time before. I view DNA as an analogue coding molecule, and when we sequence the DNA, we are converting that analogue code into digital code; the 1s and 0s in the computer are very similar to the dots and dashes of Schrodinger's metaphor. I call this process digitizing biology. The human genome is about a half a million times larger than the Phi X genome, so it shows how fast things were developing. Reading genomes has now progressed extremely rapidly from requiring years or decades; it now takes about two hours to sequence a human genome. Instead of genomes per day or genomes per hour, or hours per genome, we can now and have recently done a demonstration sequencing 2,000 complete microbial genomes in one machine run. The pace is changing quite substantially. Life is a process of dynamic renewal. We're all shedding about 500 million skin cells every day. That is the dust that accumulates in your home; that's you. You shed your entire outer layer of skin every two to four weeks. You have five times ten to the 11th blood cells that

Each year the International Day of Peace is observed around the world on 21 September. – "Everyone has the right to life, liberty and security of person." – These. – "If we continue

on our current path, the world may face a 40% shortfall in water availability Water is peace, water is life, and water is dignity.

To achieve world peaceâ€™to create a world in which war ceases to break as long as people feel they have little hope for a good life and remain unable to. If we take the following approaches, peace will be more likely. to justice, and their prospects for a decent life are stolen by corrupt elites. Yet it still manages to ranks highly for both peace and quality of life. While the Global Peace Index report shows an increasingly violent world. So, the present study aimed to examine any empirical evidence to support the association between global peace and life expectancy (LE)at birth levels among .

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