

# The Singularity (Will Artificial Intelligence Take Over?)

The short answer is: No. The AI singularity fantasy is the belief that Artificial Intelligence, and technology in general, will one day reach a [singularity](#) point, at which time the technology itself would supposedly exceed human capabilities, and would then proceed to take over the world. In reality, this will never happen.

Some futurists, like [Ray Kurzweil](#), believe in the AI singularity. They believe that AI will achieve human intelligence levels in a few years, after which humans and AI will merge into a higher level form of [Humanity 2.0](#). Kurzweil bases his mistaken belief on the past progress of technology and AI, and on his mistaken belief in Darwinian evolution. After all, he contends, if undirected, random processes were able to find and develop complex beings like ourselves, then it is very likely that these intelligent beings working together can find even higher levels of intelligence.

Kurzweil's first mistake is his belief that random processes created life on earth, and that random processes caused some of that early life to evolve into advanced intelligent humans. There is absolutely no evidence for that belief. To begin with, there is no evidence that any random process could have created the first life forms. Furthermore, while there may be transitions that occur from one form of life to another (e.g. from wolves to dogs), there is no evidence that any random process could design and specify the required transitional information for the transfer if the information didn't already exist. (In the case of the wolf to dog transition, all the information needed to make dogs is pre-existent in the wolf family. In fact, dogs have [devolved](#) from wolves (and foxes), i.e. dogs are [broken wolves](#).)

Kurzweil's second mistake is his unwarranted linear extrapolation of past technological progress into the future. There is also no evidence for that. On the contrary, all forms of technological advances follow logarithmic curves. Advances are fast at the beginning, after which the rates of advance slow down and level off. Automobile technology is one example. Computer technology is another. So is AI technology.

Granted, breakthroughs do happen. When they do, the resulting technological advances are rapid at first, but they always taper off, and will continue to do so. And the breakthroughs are always within the capacity of the people who discovered them. That is, people can never and will never discover or create technologies that are more complex than themselves. That is a result of the general principle that [no effect can be greater than its cause](#).

Of course, humans can use technologies, including AI technology, to supplement their own abilities, in order to make themselves more capable in certain situations. For example, an army with tanks and airplanes is superior to an army without. But humans

will never develop a superior army that consists of only tanks and airplanes (or other technology, including AI) and no humans.

So how was life itself created, and how did humans arise? The only possible answer is that a higher power created them. Then how did that higher power arise? What created that higher power? The answer to that is unknown from human observation and analysis. The best answer we have is from the Bible, i.e. that God the Creator is Himself un-created. He has existed from eternity, and will continue to exist into an eternal future ([Psalm 90:2](#)).