

Ray Kurzweil: Nanobots In Our Bloodstream – Connecting the Brain to WIFI

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Further References

Krüger, O.. (2021). "The Singularity is near!" Visions of Artificial Intelligence in Posthumanism and Transhumanism. International Journal of Interactive Multimedia and Artificial Intelligence

Plain numerical DOI: 10.9781/ijimai.2021.07.004

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"Over the past 20 years, the idea of singularity has become increasingly important to the technological visions of posthumanism and transhumanism. the article first introduces key posthumanist authors such as marvin minsky, ray kurzweil, hans moravec, and frank tipler. in the following, the concept of singularity is reviewed from a cultural studies perspective, first with regard to the cosmological singularity and then to the technological singularity. according to posthumanist thinkers the singularity is marked by the emergence of a superhuman computer intelligence that will solve all of humanity's problems. at the same time, it heralds the end of the human era. most authors refer to the british mathematician irving john good's 1965 essay speculations concerning the first ultraintelligent machine as the originator of the idea of superintelligence. individual elements of the singularity idea such as the impenetrable event horizon, the frontier and the ongoing acceleration of progress are contextualized historically and culturally. singularity, the. the techno-rapture. a black hole in the extropian worldview whose gravity is so intense that no light can be shed on what lies beyond it."

Quarterly, M. K.. (2011). IT growth and global change : A conversation with Ray Kurzweil. McKinsey Quarterly

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"Anon, 2011. it growth and global change : a conversation with ray kurzweil. mckinsey quarterly, january, pp.1–6."

Shermer, M.. (2011). Transcendent Man The Life and Ideas of Ray Kurzweil. Science

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"The compelling feature-length documentary film, by director barry ptolemy, chronicles the life and controversial ideas of luminary ray kurzweil. for more than three decades, inventor, futures, and new york times best-selling author ray kurzweil has been one of the most respected and provocative advocates of the role of technology in our future. in transcendent man, ptolemy follows kurzweil around the globe as he presents the daring arguments from his best-selling book, the singularity is near: when humans transcend biology. kurzweil predicts that with the ever-accelerating rate of technological change, humanity is fast approaching an era in which our intelligence will become increasingly non-biological and millions of times more powerful. this will be the dawning of a new civilization enabling us to transcend our biological limitations. in kurzweil's post-biological world, boundaries blur between human and machine, real and virtual. human aging and illness are reversed, world hunger and poverty are solved, and we cure death. ptolemy explores the social and philosophical implications of these changes and the potential threats they pose to human civilization in dialogues with world leader colin powell; technologists hugo degaris, peter diamandis, kevin warwick, and dean kamen; journalist kevin kelly; actor william shatner; and musician stevie wonder. kurzweil maintains a radically optimistic view of the future, while acknowledging new dangers. award-winning american composer philip glass contributes original theme music that mirrors the depth and intensity of the film."

McGettigan, T.. (2020). It's Alive!! Ray Kurzweil, AI, and Frankentelligence. SSRN Electronic Journal

Plain numerical DOI: 10.2139/ssrn.3676548

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Berman, A.. (2016). Technology Feels Like It's Accelerating — Because It Actually Is. Singularity Hub

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"This is the second in a four-part series looking at the big ideas in ray kurzweil's book the singularity is near. be sure to read the other articles: will the end of moore's law halt computing's exponential rise? how to think exponentially and better predict the future ray kurzweil predicts three technologies will define our future "Technology ..."

Cole-Turner, R.. (2012). The singularity and the rapture: Transhumanist and popular christian views of the future. Zygon

Plain numerical DOI: 10.1111/j.1467-9744.2012.01293.x

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"Religious views of the future often include detailed expectations of profound changes to nature and humanity. popular american evangelical christianity, especially writers like hal lindsey, rick warren, or rob bell, offer extended accounts that provide insight into the views of the future held by many people. in the case of lindsey, detailed descriptions of future events are provided, along with the claim that forecasted events will occur within a generation. these views are summarized and compared to the secular idea of a coming 'intelligence explosion' or technological singularity as advanced by ray

kurzweil, which is described in terms of its history as an idea and in terms of its specific proposals for the coming transformation of the cosmos, which is also predicted to occur within a generation. while profoundly different in important ways, these two perspectives share many features with each other-for example, in their respective predictions of distinct stages in the unfolding of the future of the cosmos. © 2012 by the joint publication board of zygon."

Geraci, R. M.. (2010). The popular appeal of Apocalyptic AI. Zygon

Plain numerical DOI: 10.1111/j.1467-9744.2010.01146.x

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"The belief that computers will soon become transcendently intelligent and that human beings will 'upload' their minds into machines has become ubiquitous in public discussions of robotics and artificial intelligence in western cultures. such beliefs are the result of pervasive judaeo-christian apocalyptic beliefs, and they have rapidly spread through modern pop and technological culture, including such varied and influential sources as rolling stone, the ieee spectrum, and official united states government reports. they have gained sufficient credibility to enable the construction of singularity university in california. while different approaches are possible (and, indeed, are common in japan and possibly elsewhere), this particular vision of artificial intelligence and robotics has gained ground in the west through the influence of figures such as hans moravec and ray kurzweil. because pop-science books help frame public discussion of new sciences and technologies for individuals, corporations, and governments alike, the integration of religious and technoscientific claims made by their authors should be clear and open for public and scientific debate. as we move forward into an increasingly robotic future, we should do so aware of the ways in which a group's religious environment can help set the tone for public acceptance and use of robotic technologies. © 2010 by the joint publication board of zygon."

Koch, C.. (2013). The End of the Beginning for the Brain. Science

Plain numerical DOI: 10.1126/science.1233813

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"Review of how to create a mind by ray kurzweil"

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