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Author: Atanu Chatterjee Georgi Georgiev Germano Iannacchione



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Highlights of this paper

The science of aging is a complex yet fascinating field of research. Where most studies are focused on the biological aspects of this phenomena, we in this special issue put forward a novel approach. We abstract aging from the biological domain and consider it as a general phenomenon of all open thermodynamical systems. In order to substantiate our arguments, we relate the process of biological aging to technological progress. We draw parallels between our earlier studies of technological progress with biological aging. The methodology presented in this paper, in principle, should help working biologists, gerontologists, medical practitioners, and anybody in this field of research to understand the process of aging from a complexity-thermodynamic perspective.

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