

Review of: "Foundations of Science in Invasive Technologies"

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Potential competing interests: No potential competing interests to declare.

The socioeconomic dynamics of the knowledge economy are reshaping the foundations of economies and societies, accelerating the introduction of new technologies with invasive tendencies and widespread diffusion across space. This study introduces, for the first time, the concept of technology invasiveness. Successful technology invaders can significantly impact human society and reshape the fabric of modern economies. Furthermore, the author proposes different management and deployment strategies for invasive and non-invasive technologies, making this research valuable in both theory and application.

The main issues of the paper are as follows:

Firstly, the diffusion index of invasive technologies only employs exponential growth as a measure, which is overly simplistic. Therefore, it provides limited insights into the diffusion mechanisms of invasive technologies. One of the crucial characteristics of invasive technologies is their high growth rate; otherwise, they cannot establish their "invasive" nature. Thus, a high growth rate is an "obvious" feature of invasive technologies. It is suggested that the authors include an analysis of its dynamic mechanisms because solely analyzing speed fails to reveal the underlying mechanisms of growth.

Secondly, in the paper, the statement "Rate of growth of invasive technology i in space $S > 2 \times$ rate of growth of alternative technologies j in space S " proposes that even if invasive technologies have a higher growth rate, the numerical value of " $2 \times$ rate" as either an assumption or empirical result in the paper is difficult to justify, and there is only one test field far from being generalizable. It is recommended that the authors provide a more cautious argumentation or clarification on this matter.