Review of: "Applications of Deep reinforcement learning in MEMS and nanotechnology"

Maximiliano Rojas[1]

1 Pontificia Universidad Católica de Valparaíso

Potential competing interests: No potential competing interests to declare.

This paper presents an overview of recent advances in deer reinforcement learning (DRL) for microelectromechanical systems (MEMS) and nano technology. However, the state of the art presented in the paper appears outdated, with many of the cited references dating back to 2019 and 2020. The paper discusses potential uses of DRL in these fields, but lacks details on how these techniques are actually being applied. There is no comprehensive explanation of the DRL field beyond a surface level discussion, nor are any detailed examples provided of the types of agents involved, the deep learning models used, or the characteristics of the input data. Additionally, there is no formal description of the DRL environment in which the agent operates. Overall, while this paper could serve as a useful starting point for further research, it falls short of providing a thorough understanding of the current state of the field.