

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

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Potential competing interests: No potential competing interests to declare.

This paper investigates the applications of DRL in the fields of micro-electro-mechanical systems and nanotechnology. The paper is well written and reads easily.

Some comments:

- The structure of the paper could be announced at the end of the introduction section.
- The existing literature on the subject is really huge. I suggest enhancing the Section on the DRL.
- Some figures (for example for the DRL mechanism) and flowcharts could be added to make the paper more attractive for the reader.
- Section "Ethical Considerations" could be moved before Section "Future Prospects and Opportunities"
- The author could some concrete perspectives and avenues for future research at the end of the conclusion section.