

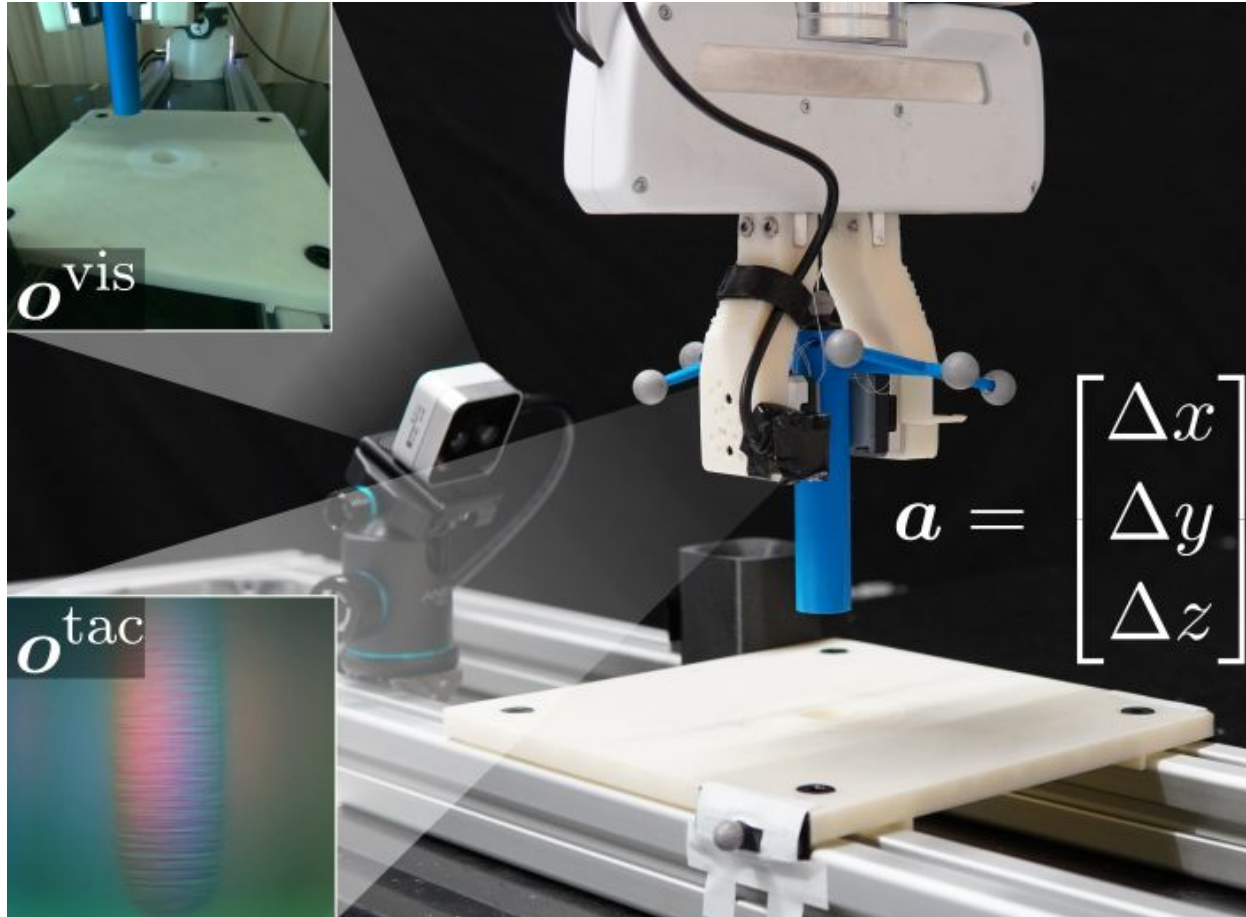


Analysing the Interplay of Vision and Touch for Dexterous Insertion Tasks



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Problem

- Dexterous manipulation requires tactile sensing and vision
- Tactile data is hard to use / interpret for control
- How to integrate visual and tactile information?

We do

- We build a robust training platform that allows for fully autonomous training in the real world
- We learn an end-to-end controller from scratch for peg insertion in the real world with Dreamer-v3
- We investigate the importance of tactile sensing



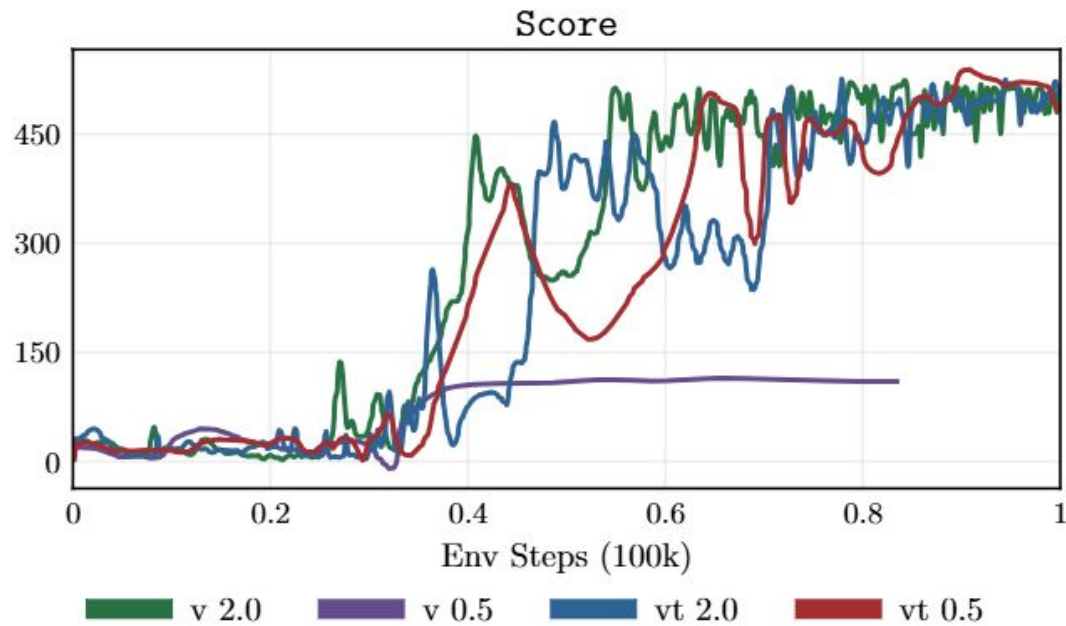
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Training



Evaluation

