

第一章课程涉及的一些人形机器人仿真工具和算法进展，汇总如下：

- Isaac Lab: <https://developer.nvidia.com/isaac/lab>
- Isaac Gym: <https://developer.nvidia.com/isaac-gym>
- MuJoCo: <https://mujoco.readthedocs.io/en/stable/overview.html>
- NaVILA: <https://arxiv.org/pdf/2412.04453>
- ASAP: <https://agile.human2humanoid.com/>
- OMOMO: https://github.com/lijiaman/omomo_release
- Sim-to-Lab-to-Real: <https://saferoboticslab.github.io/SimLabReal/>
- GAIL: <https://arxiv.org/pdf/1707.02201>
- AMP: <https://arxiv.org/pdf/2104.02180>
- VLM-PC: <https://anniesch.github.io/vlm-pc/>
- HYPERmotion: <https://arxiv.org/pdf/2406.14655>
- 智元 GO-1: https://agibot-world.com/blog/agibot_go1.pdf
- Figure AI Helix: https://agibot-world.com/blog/agibot_go1.pdf
- NVIDIA Isaac GR00T N1: <https://github.com/NVIDIA/Isaac-GR00T?tab=readme-ov-file>
- OmniH2O: <https://omni.human2humanoid.com/>
- RoboCup 官网: <https://www.robocup.org>
- 宇树 RoboCup: <https://www.unitree.com/cn/robocup>