



8th International Workshop on **Recovering 6D Object Pose**

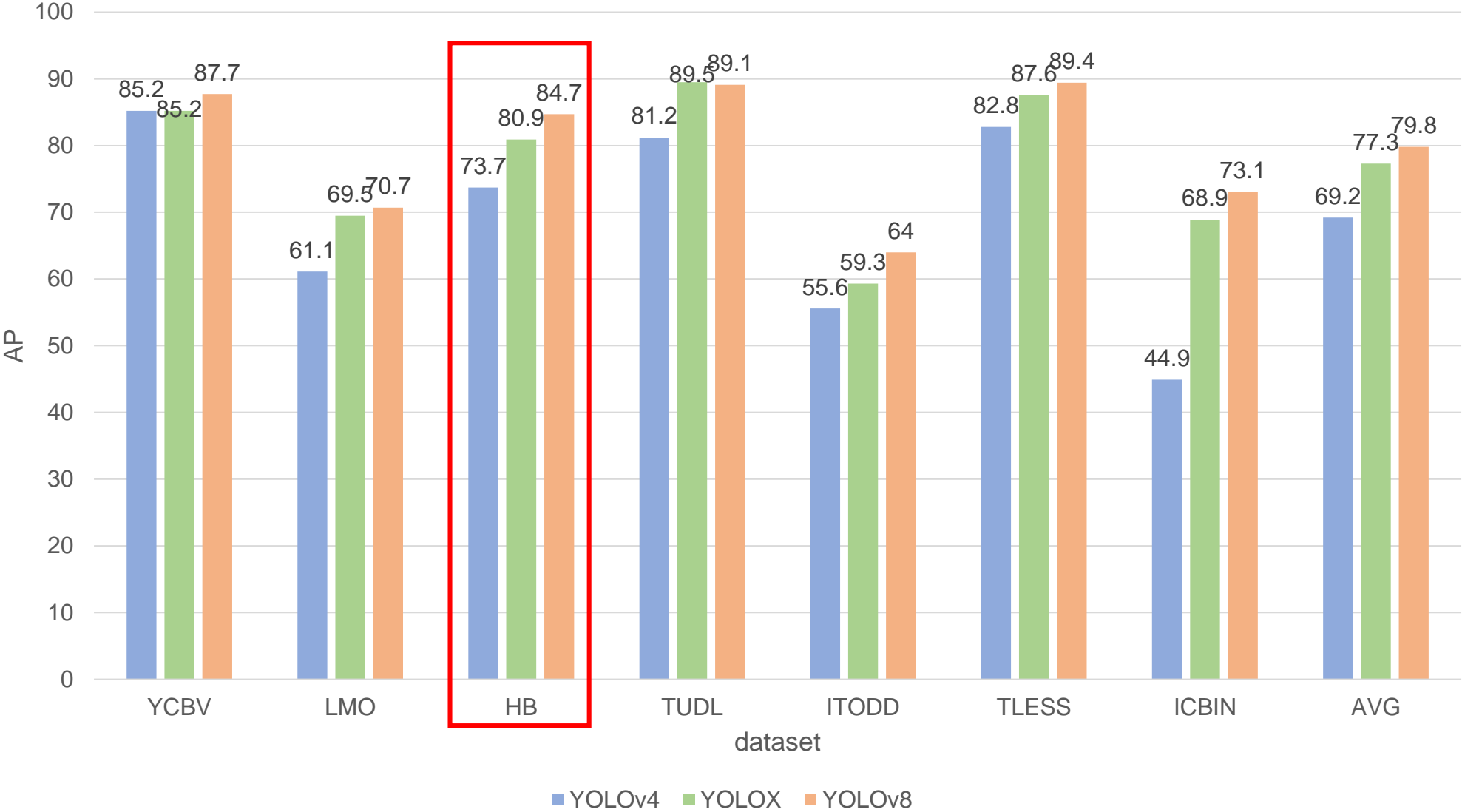
GPose2023: A Modularized Learning-based Object Pose Estimator

Ruida Zhang, Ziqin Huang, Gu Wang, Xingyu Liu, Chenyangguang Zhang and Xiangyang Ji

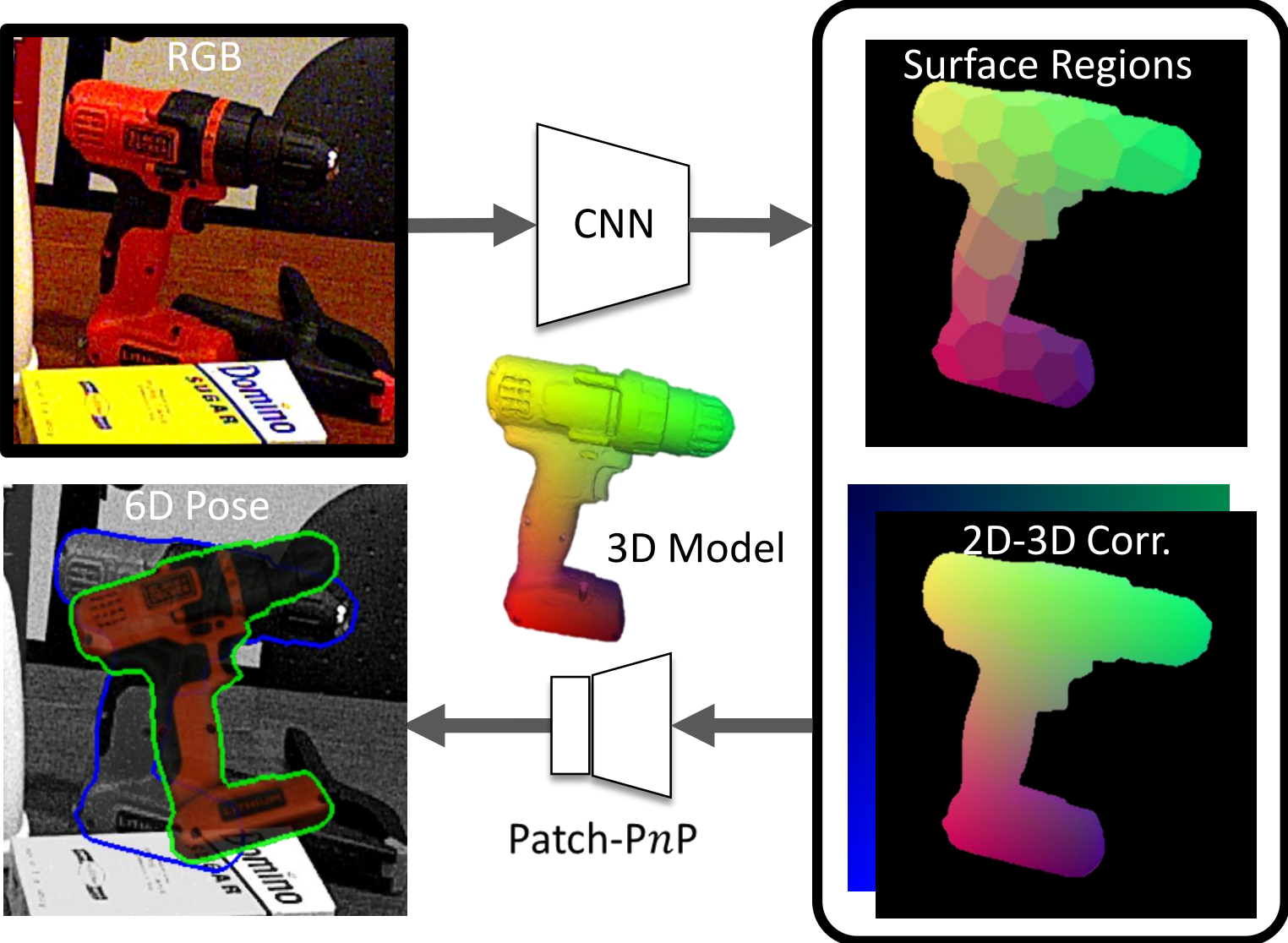
Tsinghua University, BNRist



Detection: Mask-RCNN v.s. YOLOX v.s. YOLOv8

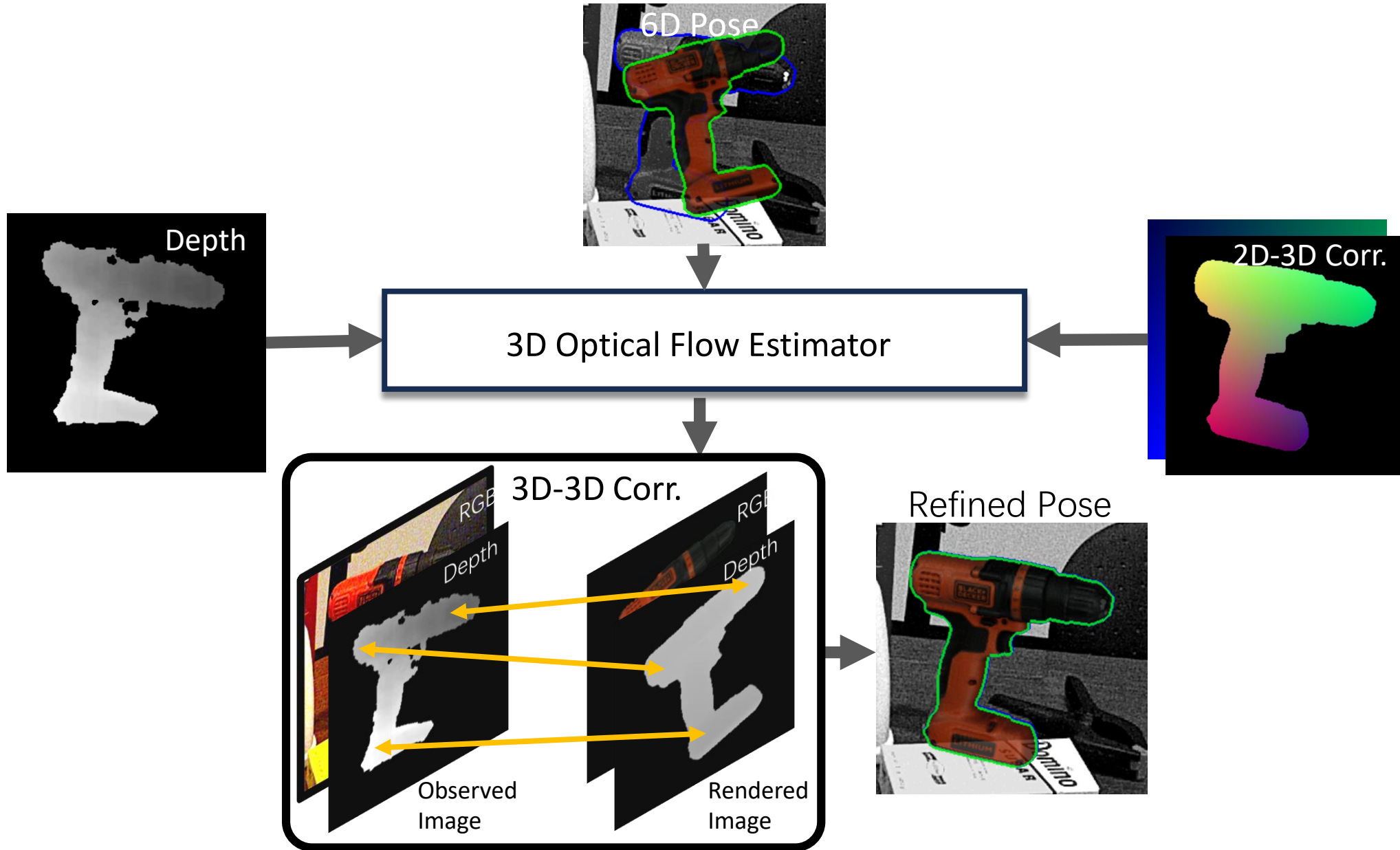


Direction Pose Estimation: GDRNPP2022

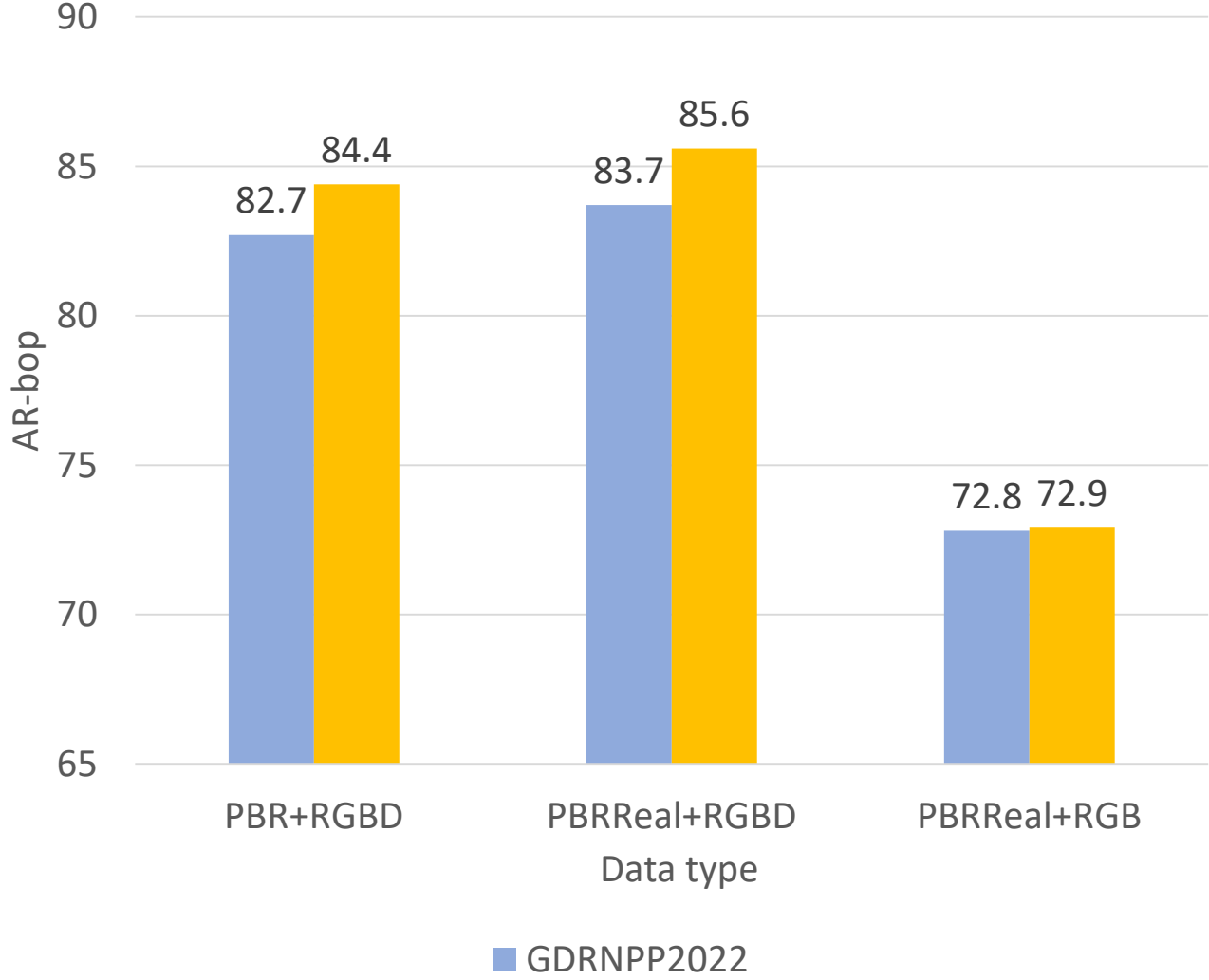


Wang, G., Manhardt, F., Tombari, F., Ji, X.: GDR-Net: Geometry-guided direct regression network for monocular 6D object pose estimation. In: IEEE/CVF Conference on Computer Vision and Pattern Recognition (CVPR).

Geometry-guided Pose Refinement



Pose Estimation: Experimental Results





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Thanks for watching!

