

BoxDreamer: Dreaming Box Corners for Generalizable Object Pose Estimation

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Project Page



Code



ICCV 2025

Paper

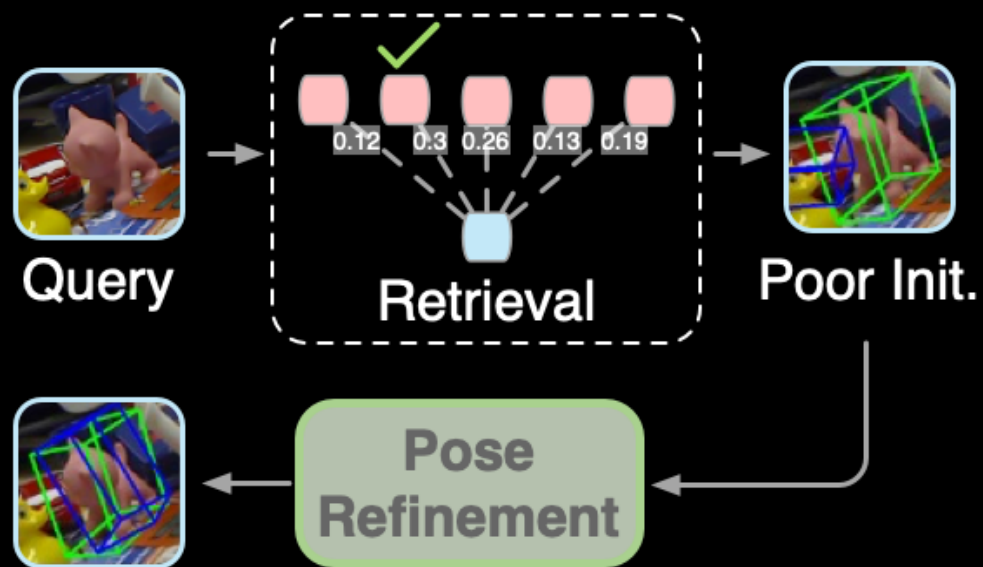


HF Demo

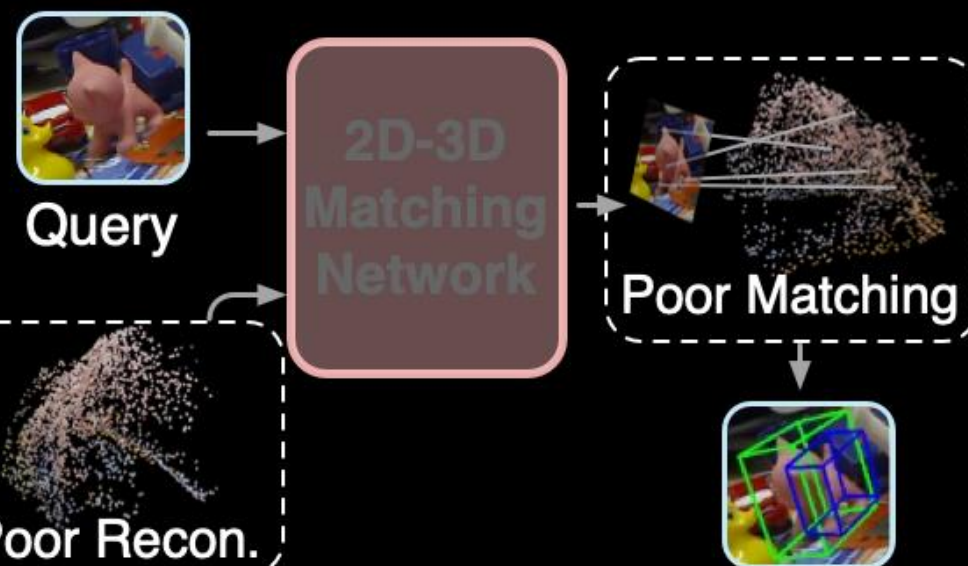


Motivation

Retrieval-Based Method



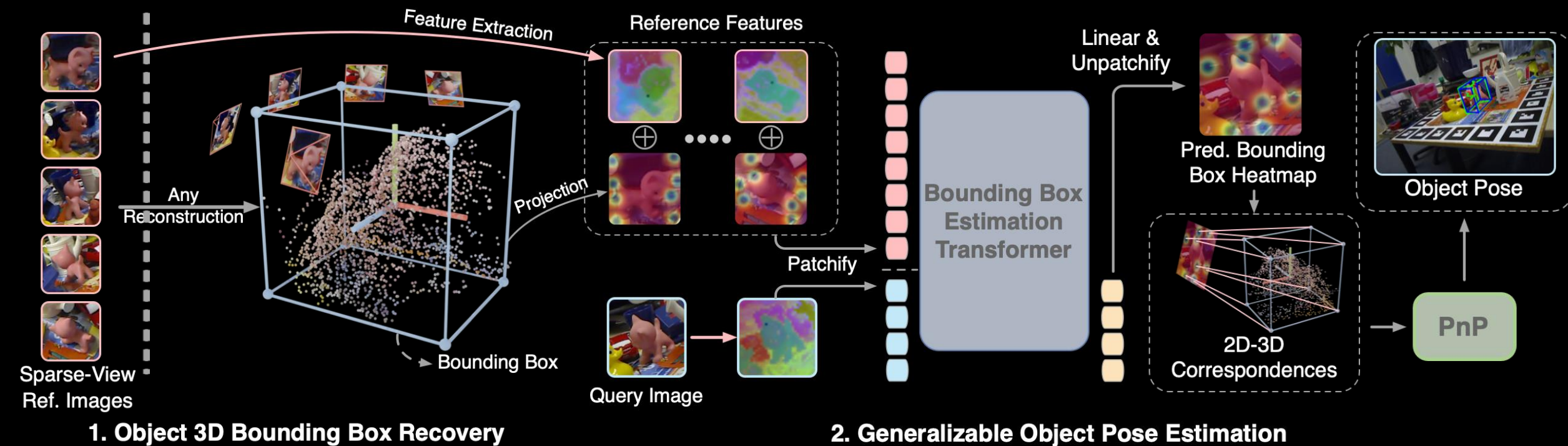
Matching-Based Method



Sparse-View Reference Images Input

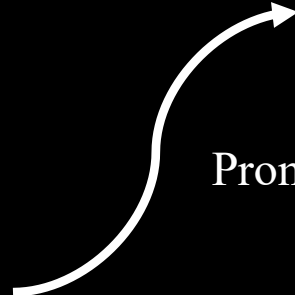


Methods



Real World Usage

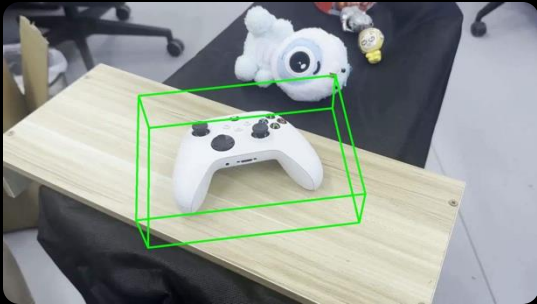
Video Capture



Prompt

**Object Coordinate
Identify**

"Xbox Controller"



⚡ **60FPS on RTX 4090**

**Bounding Box
Estimation
Transformer**

Obj. Segmentation



Reference Demonstration

