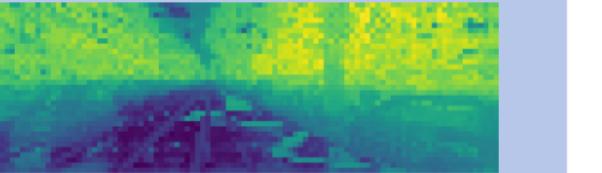


Feature Backbone for Stereo Vision

SOTA Stereo Vision Backbones



Training Without Camera Pose

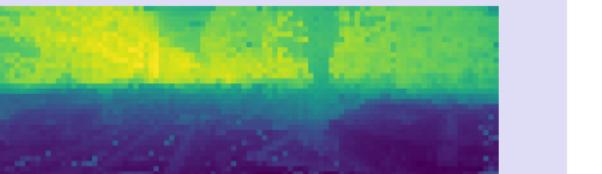


Preserve Feature

VGGT



Camera Pose Knowledge



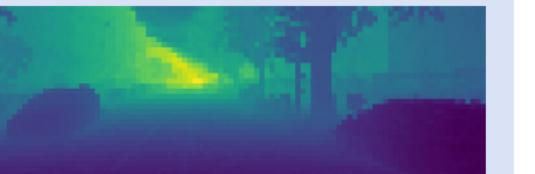
Feature-level Structural Degradation

VS

StereoVGGT (Ours)



Camera Pose Knowledge



Preserve Feature

Downstream Tasks



Vision Pro et al.

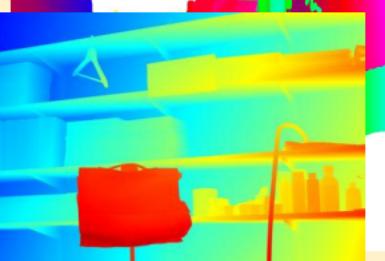


Anaglyph 3D et al.

Stereo Conversion



Binocular Camera



Disparity Map

Stereo Matching