Learned Monocular Depth Priors in Visual-Inertial Initialization

Yunwen Zhou*, Abhishek Kar, Eric Turner, Adarsh Kowdle, Chao X. Guo, Ryan C. DuToit, and Konstantine Tsotsos Google AR



such challenging cases.







Tracked landmark depth across keyframes





*Corresponding author: verse@google.com

SE (deg)	
s	Diff(%)
5	-29.86
1	-20.60
9	-20.48
1	-49.75
8	-45.34
9	-42.27
2	-65.82
8	-59.87
8	-50.68
5	-63.45
6	-48.37
1	-46.68

2.243 **0.351** -84.35 3.02 **1.6**