

Fig. 4. Tracking performance comparison during lateral movement. For sequence 19 in the KITTI test set, (a) AB3D experiences ID switches, whereas (b) our method maintains stable tracking conditions. For additional visualizations, please visit <https://github.com/JiangChao2009/AHMOT>.

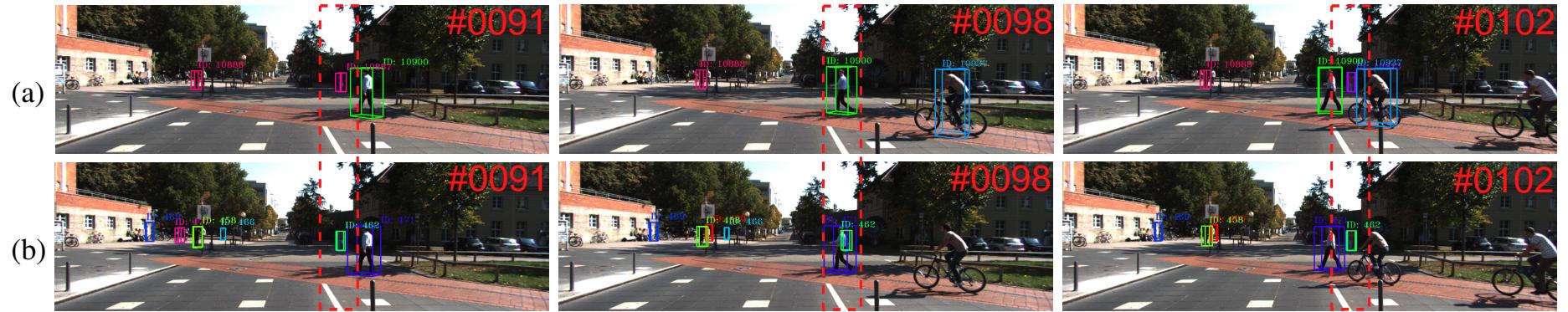


Fig. 5. Tracking performance comparison during occlusion. For sequence 20 in the KITTI test set, (a) AB3D experiences ID switches, whereas (b) our method maintains continuous tracking.

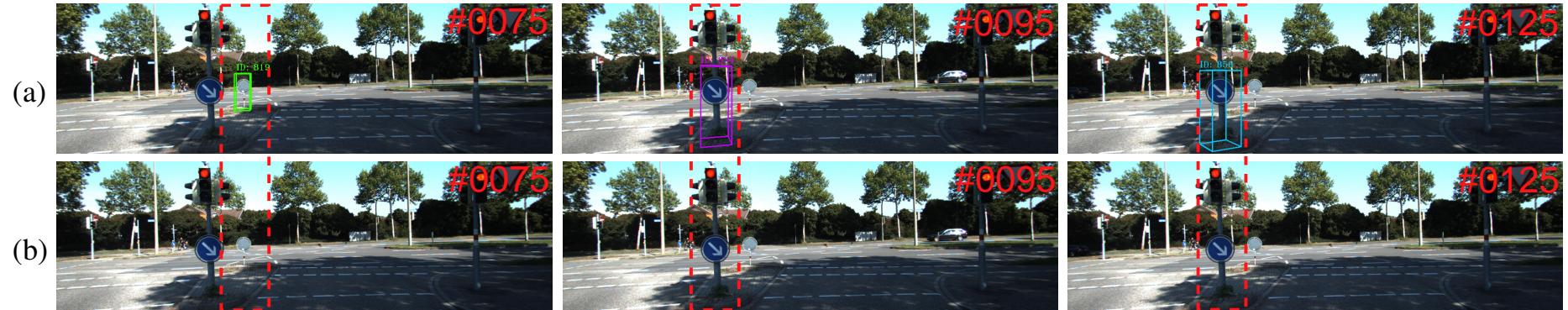


Fig. 6. Error tracking comparison. For sequence 1 in the KITTI test set, (a) AB3D experiences erroneous tracking, whereas (b) our method avoids erroneous tracking.