

- ordinate regression of objects for 6d pose estimation. In: Proceedings of the IEEE/CVF International Conference on Computer Vision, p.7668-7677.
- Peng S, Liu Y, Huang Q, et al., 2019. Pvnnet: Pixel-wise voting network for 6dof pose estimation. In: Proceedings of the IEEE/CVF Conference on Computer Vision and Pattern Recognition, p.4561-4570.
- Qi CR, Litany O, He K, et al., 2019. Deep hough voting for 3d object detection in point clouds. In: Proceedings of the IEEE/CVF International Conference on Computer Vision, p.9277-9286.
- Su H, Qi CR, Li Y, et al., 2015. Render for cnn: Viewpoint estimation in images using cnns trained with rendered 3d model views. In: Proceedings of the IEEE International Conference on Computer Vision, p.2686-2694.
- Sun M, Bradski G, Xu B-X, et al., 2010. Depth-encoded hough voting for joint object detection and shape recovery. In: European Conference on Computer Vision: Springer, p.658-671.
- Ulrich, J, Alsayed, A, Arvin, F, et al., 2022. Towards fast fiducial marker with full 6 dof pose estimation. In Proceedings of the 37th ACM/SIGAPP Symposium on Applied Computing (pp.723-730).
- Wang C, Xu D, Zhu Y, et al., 2019a. Densefusion: 6d object pose estimation by iterative dense fusion. In: Proceedings of the IEEE/CVF conference on computer vision and pattern recognition, p.3343-3352.
- Wang H, Sridhar S, Huang J, et al., 2019b. Normalized object coordinate space for category-level 6d object pose and size estimation. In: Proceedings of the IEEE/CVF Conference on Computer Vision and Pattern Recognition, p.2642-2651.
- Wang Y, Sun Y, Liu Z, et al., 2019. Dynamic graph cnn for learning on point clouds. *Acm Transactions On Graphics (tog)* 38:1-12.
- Wei, G, Cui, Z, Liu, Y, et al., 2020. TANet: towards fully automatic tooth arrangement. In *Computer Vision—ECCV 2020: 16th European Conference, Glasgow, UK, August 23–28, 2020, Proceedings, Part XV 16* (pp.481-497). Springer International Publishing.
- Xiang Y, Schmidt T, Narayanan V, et al., 2017. Posecnn: A convolutional neural network for 6d object pose estimation in cluttered scenes. *arXiv preprint arXiv:171100199*.
- Zhou Y, Barnes C, Lu J, et al., 2019. On the continuity of rotation representations in neural networks. In: Proceedings of the IEEE/CVF Conference on Computer Vision and Pattern Recognition, p.5745-5753.
- Zhou Y, Tuzel O, 2018. Voxelnet: End-to-end learning for point cloud based 3d object detection. In: Proceedings of the IEEE conference on computer vision and pattern recognition, p.4490-4499.
- Zhu JJ, Yang YX, Wong HM, 2023. Development and accuracy of artificial intelligence-generated prediction of facial changes in orthodontic treatment: a scoping review.. *Journal of Zhejiang University-SCIENCE B (Biomedicine & Biotechnology)*.
<https://doi.org/10.1631/jzus.B2300244>

List of supplementary materials

Tables S1-S3

Figures S1-S2

Unedited