Structure-Aware Shape Synthesis

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Evaluate shape-structure consistency loss Lconsis

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[1] J. Wu, T. Xue, J. J. Lim, Y. Tian, J. B. Tenenbaum, A. Torraiba, and W. T. Freeman. Single image 3D interpreter network. In European Conference on Computer Vision, pages 385–382. Springer, 2016.
[2] R. Girthar, D. F. Fouhey, M. Rodriguez, and A. Gupta. Learning a predictable and generative vector representation for objects. In European Conference on Computer Vision pages 484–499. Springer, 2016.
[3] L. Ge, H. Liang, J. Yuan, and D. Thalmann. 3d convolutional neural networks for efficient and robust hand pose estimation from single depth images. In Proceedings of the IEEE Conference on Computer Vision and Pattern Recognition, volume 1, page 6, 2017.