

FloorNet: A Unified Framework for Floorplan Reconstruction from 3D Scans

Supplement Material

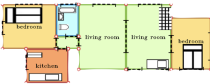
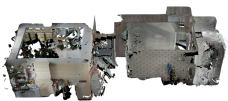
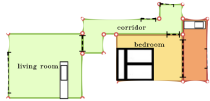
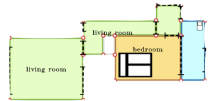
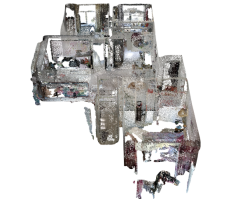
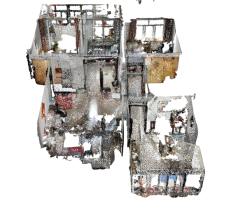
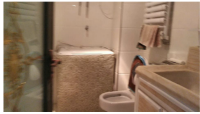
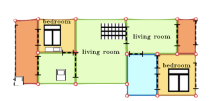
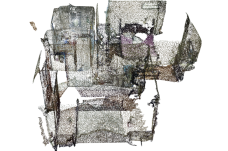
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We include errata to make two corrections to the main paper.

- By following the PointNet architecture for the semantic segmentation task in the original paper, the input vector for each 3D point contains RGB values.
- The Floorplan branch also carries the color information. Each cell of the input point-density image contains the average RGB values of the 3D points.

The following figures show more floorplan reconstruction results.

Image	Point cloud	Ours	Ground Truth
			
			
			
			
			
			
			

Image

Point cloud

Ours

Ground Truth

