

List of Abbreviations

| | |
|----------------|--|
| ARD | Adjacent Room Detection |
| ARG | Attributed Relational Graphs |
| CAD | Computer Aided Design |
| CAR | Carpet Area Ratio |
| CBIR | Content Based Image Retrieval |
| CMS | Cumulative Match Score |
| CNN | Convolutional Neural Network |
| CVC-FP | Computer Vision Center- FLOOR Plan |
| DAR | Document Analysis and Retrieval |
| DIA | Document Image Analysis |
| DNN | Deep Neural Networks |
| D-SIFT | Dense Scale Invariant Feature Transform |
| FCR | Furniture Composition Record |
| GAN | Generative Adversarial Network |
| GI | Generated Images |
| GS | Generated Sketches |
| GUI | Graphical User Interface |
| HOG | Histogram of Gradients |
| MAP | Mean Average Precision |
| OASIS | Online Algorithm for Scalable Image Similarity |
| PR | Precision Recall |
| RAS | Room Adjacency String |
| RDM | Room Decor Matching |
| ReLU | Rectified Linear Unit |
| RLH | Run Length Histogram |
| RLM | Room Layout Matching |
| ROBIN | Repository Of Building plans |
| SESYD | Systems Evaluation SYnthetic Documents |
| SIFT | Scale Invariant Feature Transform |
| SOA | State of the Art |
| S-ROBIN | Sketched Repository Of Building plans |

