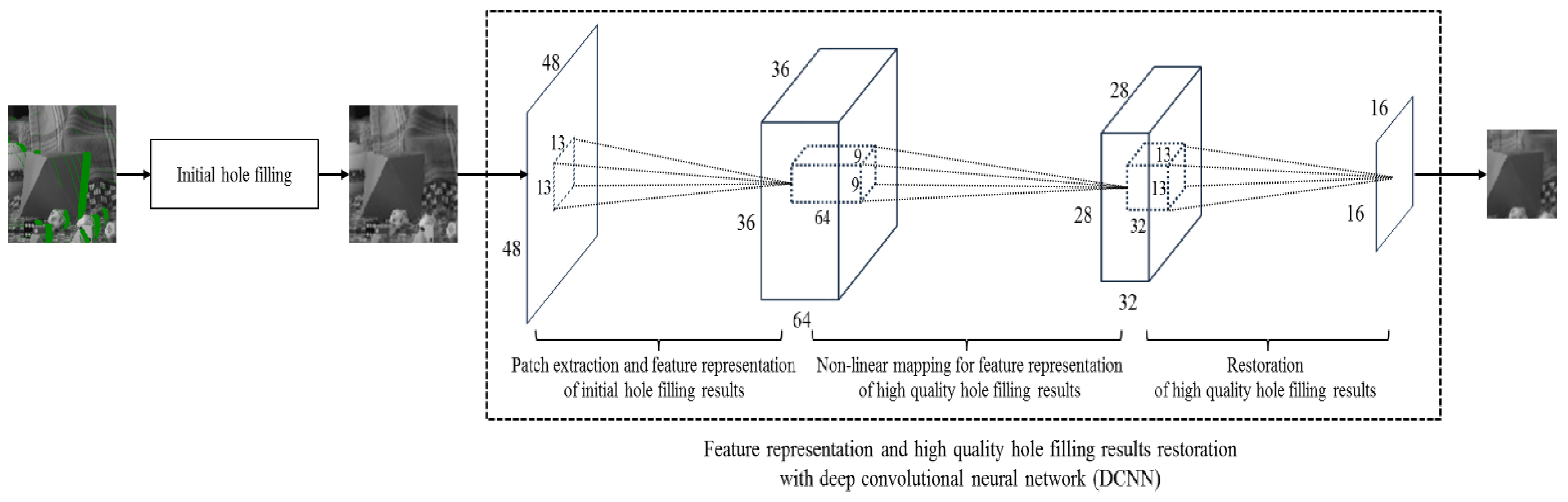
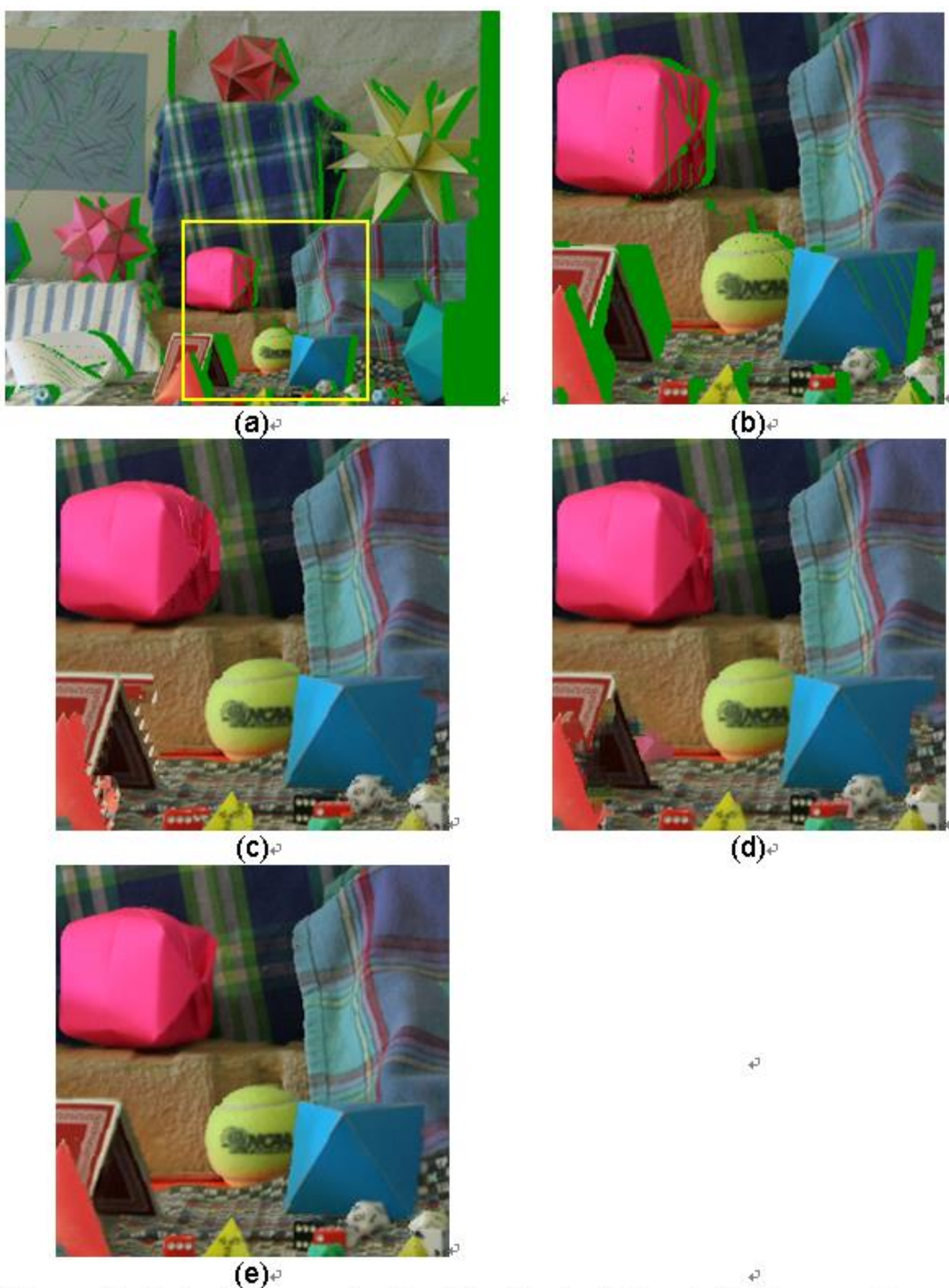


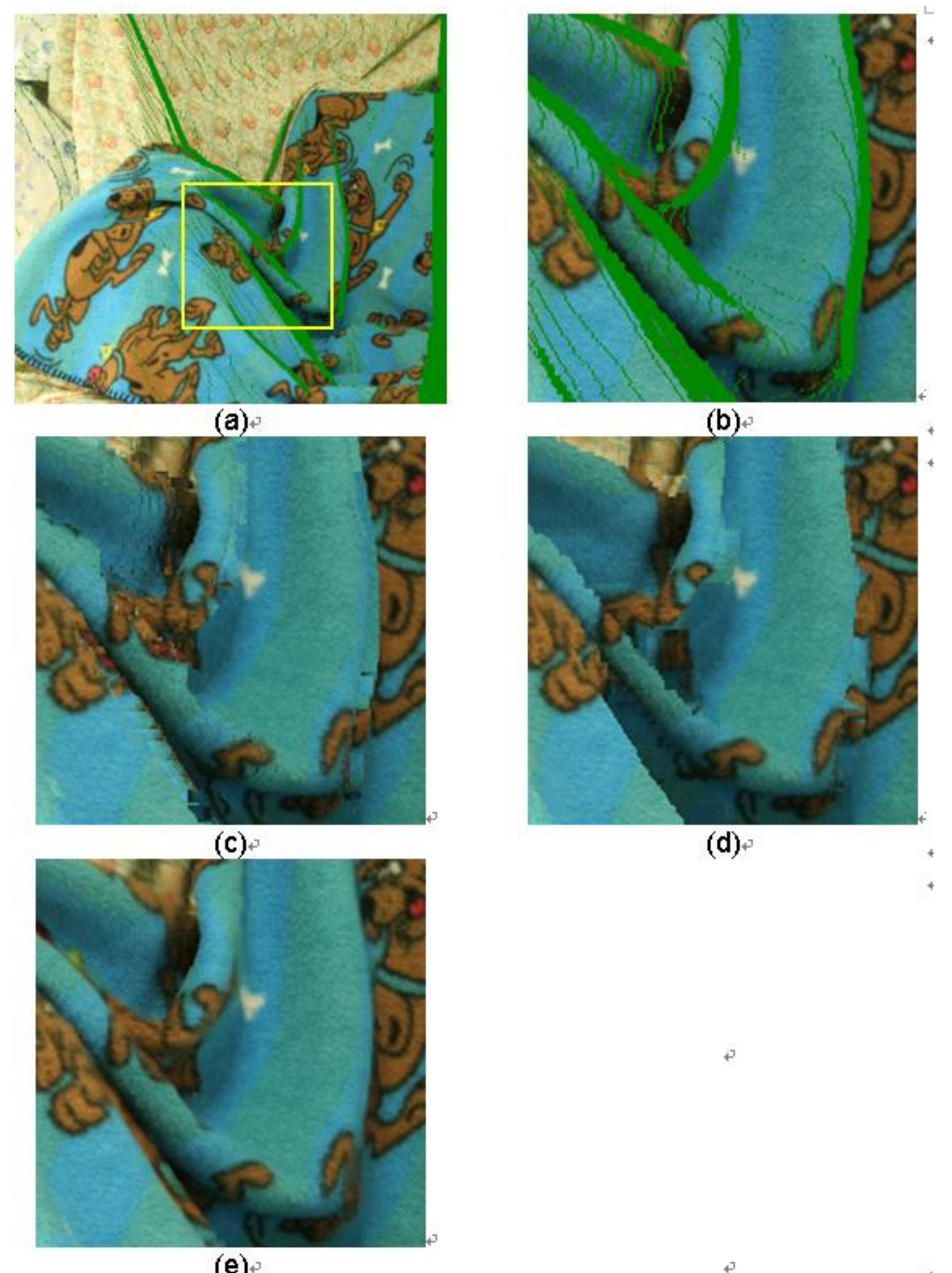
# Learning based hole filling method using deep convolutional neural network for view synthesis



Proposed hole filling method with deep convolutional neural network (DCNN) for view synthesis



Hole filling results for “Moebius” at View4 (Reference viewpoint: View1). (a) Warped view. (b) Magnified part of (a). (c) Local greedy method [11]. (d) Global optimization-based method [13]. (e) Proposed hole filling method.



Hole filling results for “Cloth3” at View4 (Reference viewpoint: View1). (a) Warped view. (b) Magnified part of (a). (c) Local greedy method [11]. (d) Global optimization-based method [13]. (e) Proposed hole filling method.