

Vision + Graph

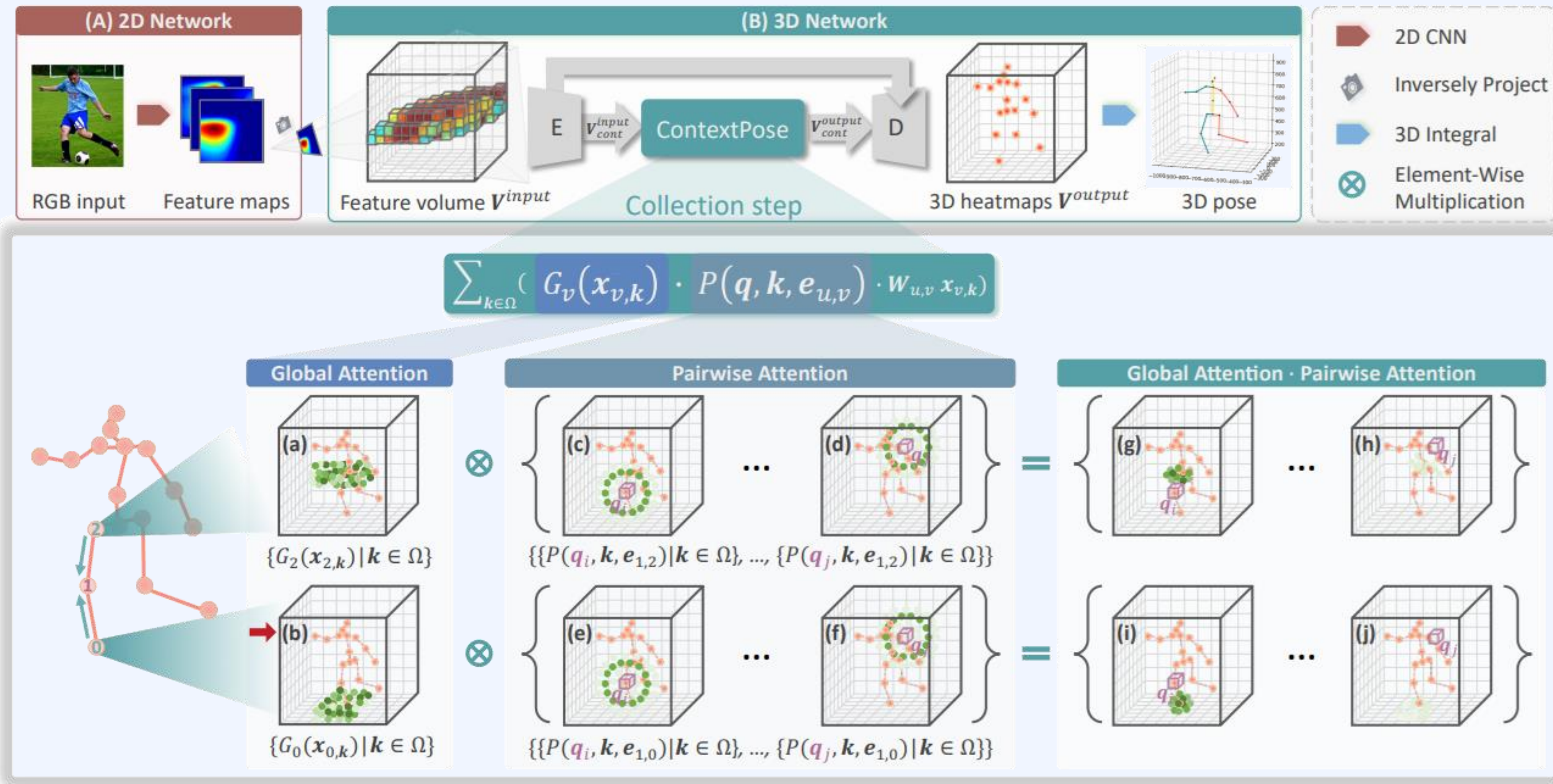
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Vision + Graph

X. Ma et al. Context Modeling in 3D Human Pose Estimation: A Unified Perspective. CVPR

ContextPose



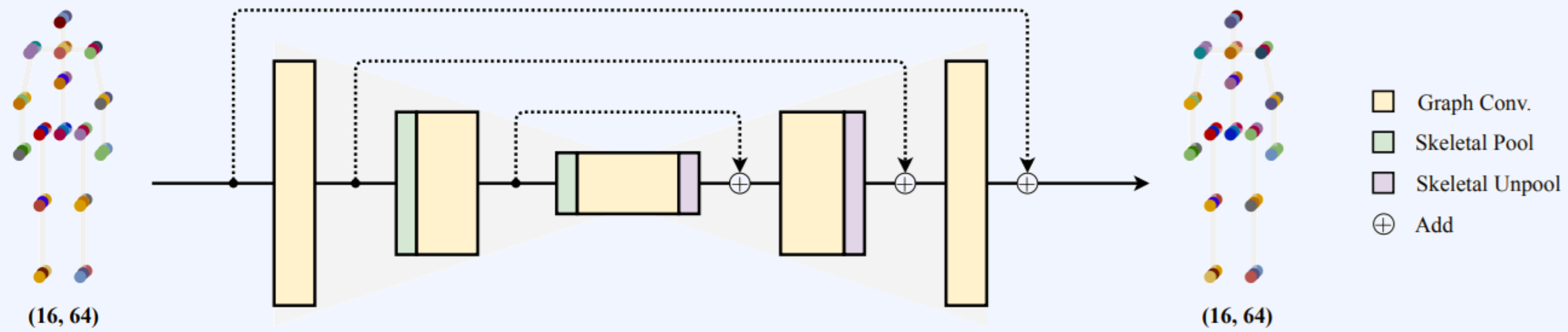
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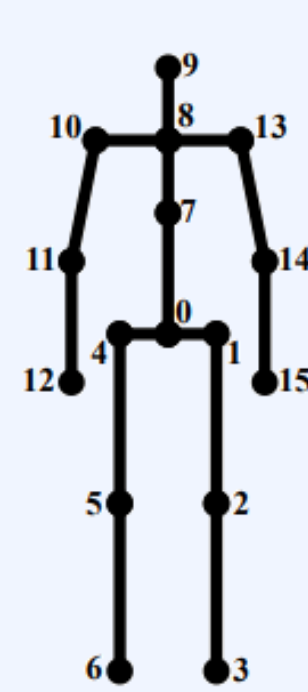
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T. Xu et al. Graph Stacked Hourglass Networks for 3D Human Pose Estimation. CVPR

Graph Hourglass



- 0. Pelvis
- 1. R. Hip
- 2. R. Knee
- 3. R. Ankle
- 4. L. Hip
- 5. L. Knee
- 6. L. Ankle
- 7. Thorax
- 8. Neck
- 9. Head
- 10. L. Shoulder
- 11. L. Elbow
- 12. L. Wrist
- 13. R. Shoulder
- 14. R. Elbow
- 15. R. Wrist

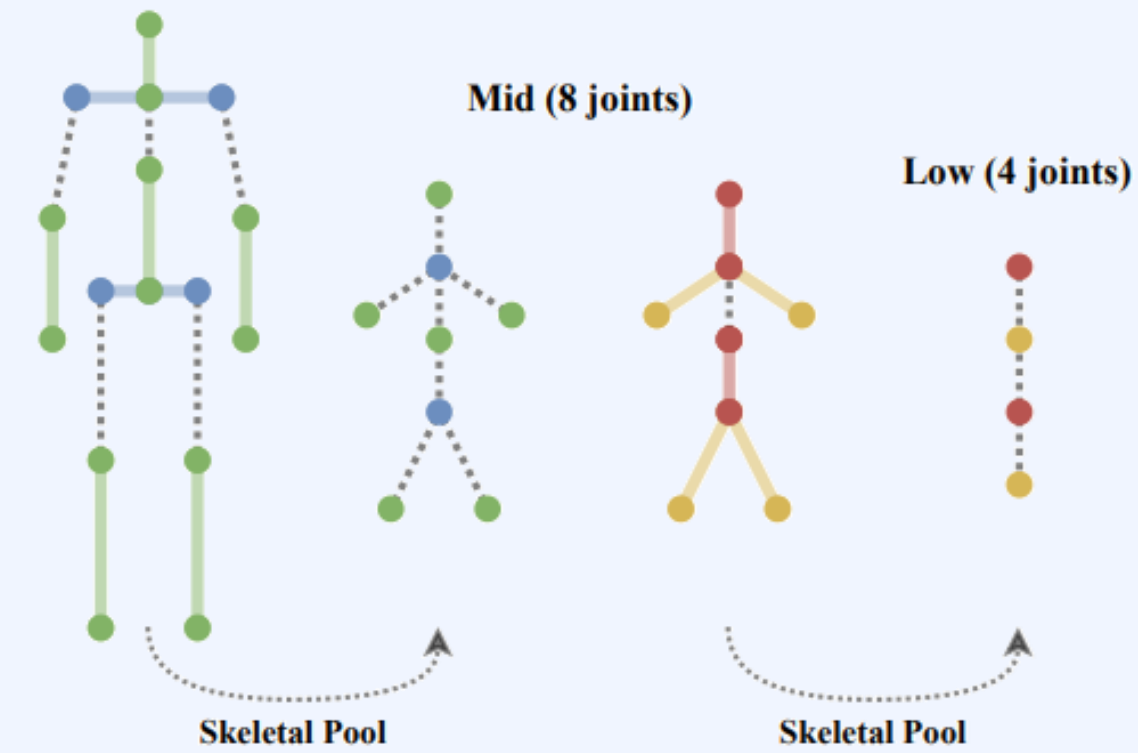


(a)

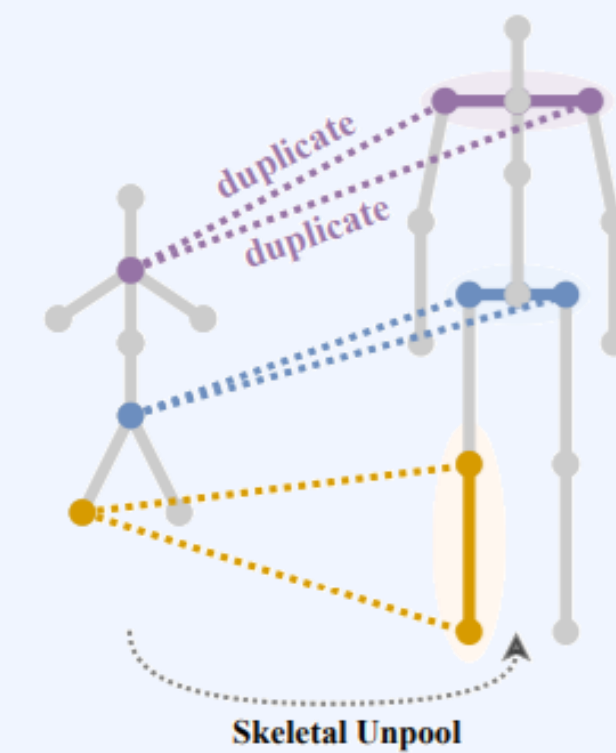
High (16 joints)

Mid (8 joints)

Low (4 joints)



(b)



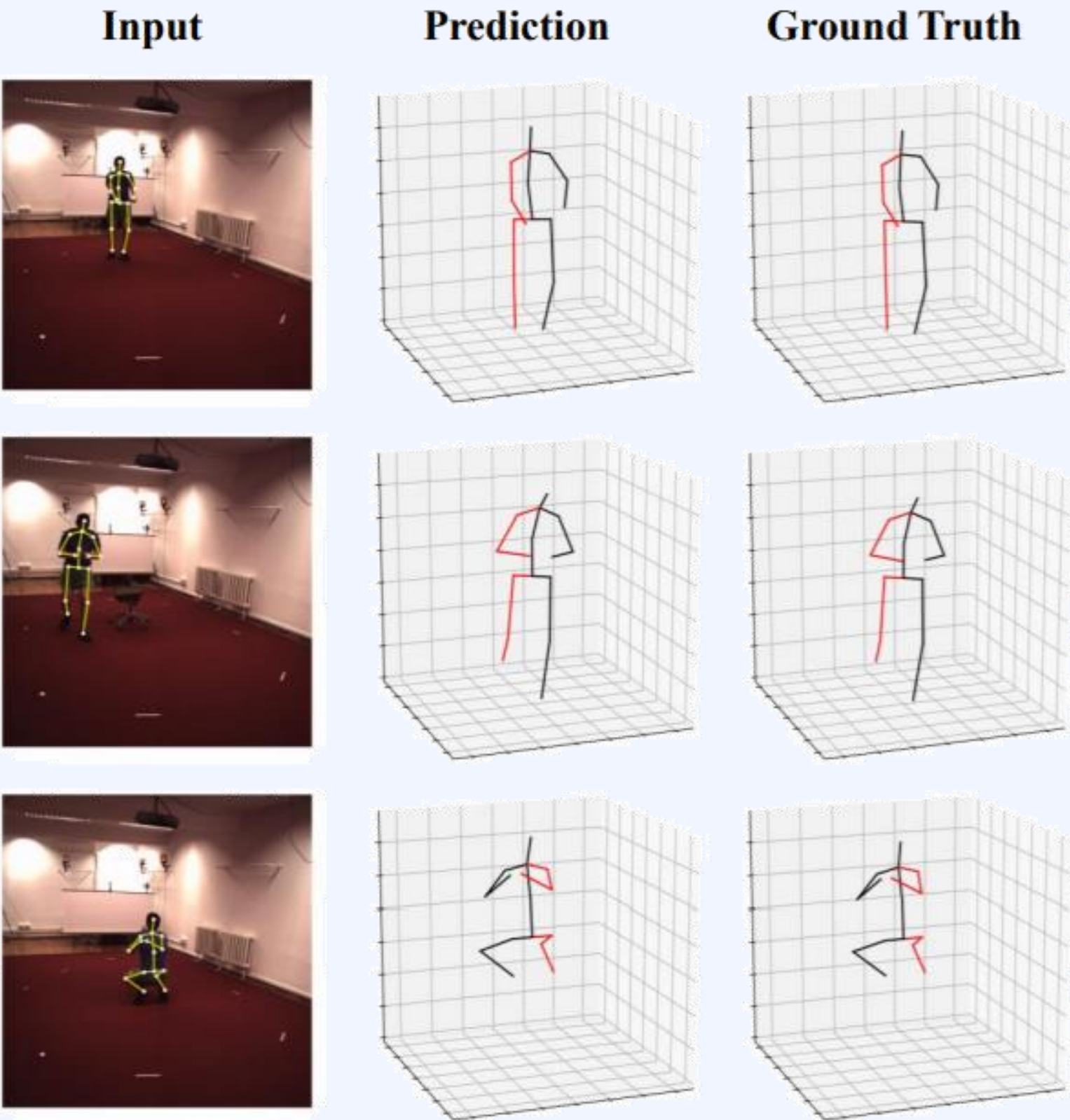
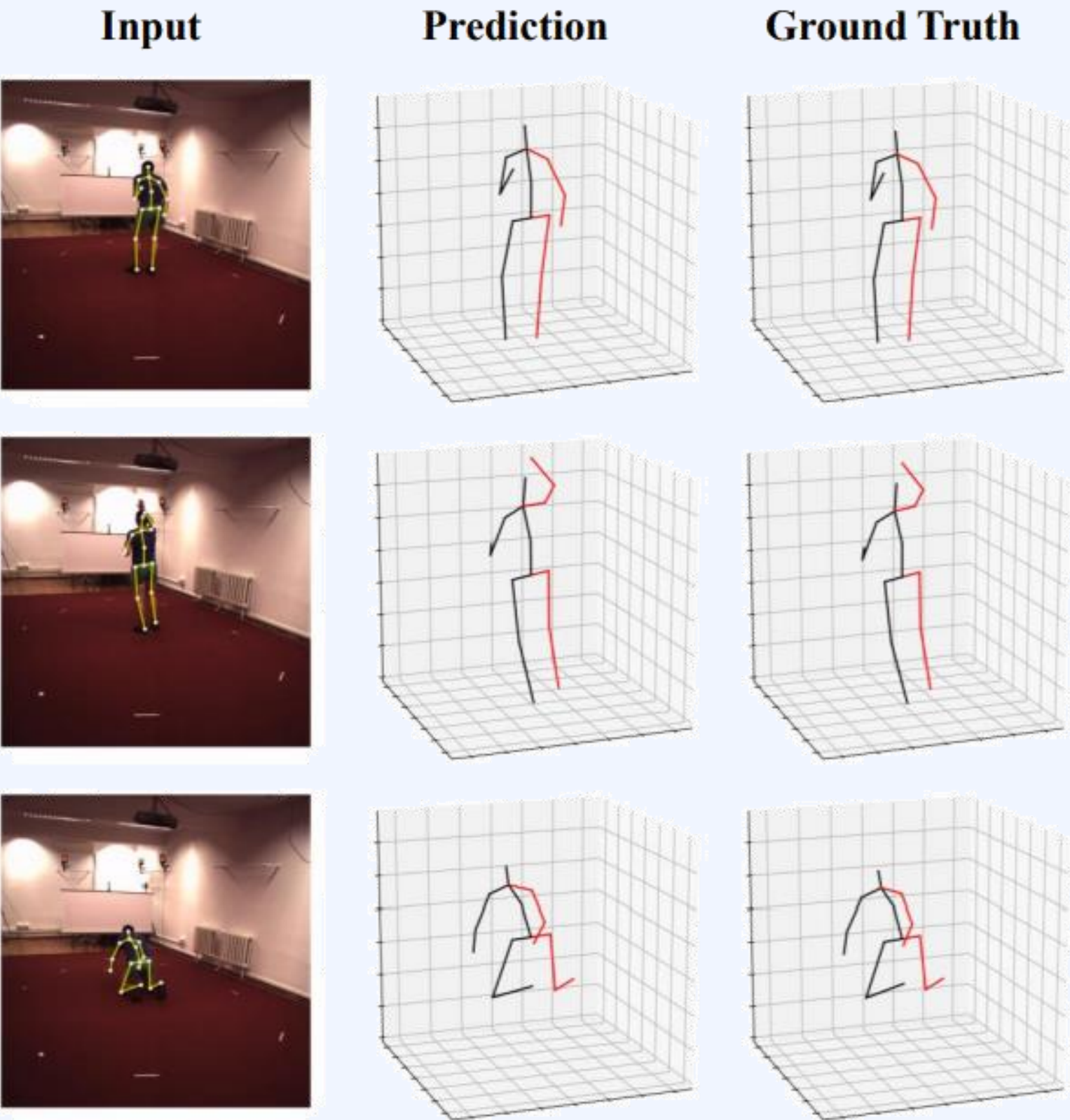
(c)

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Graph Hourglass

Method	params	MPJPE (mm)
gPool/gUnpool [9]	3.70M	40.6
SAGPool [18]/gUnpool [9]	3.70M	41.5
w/o Pool/Unpool	6.86M	38.2
Skeletal Pool/Unpool	3.70M	35.8



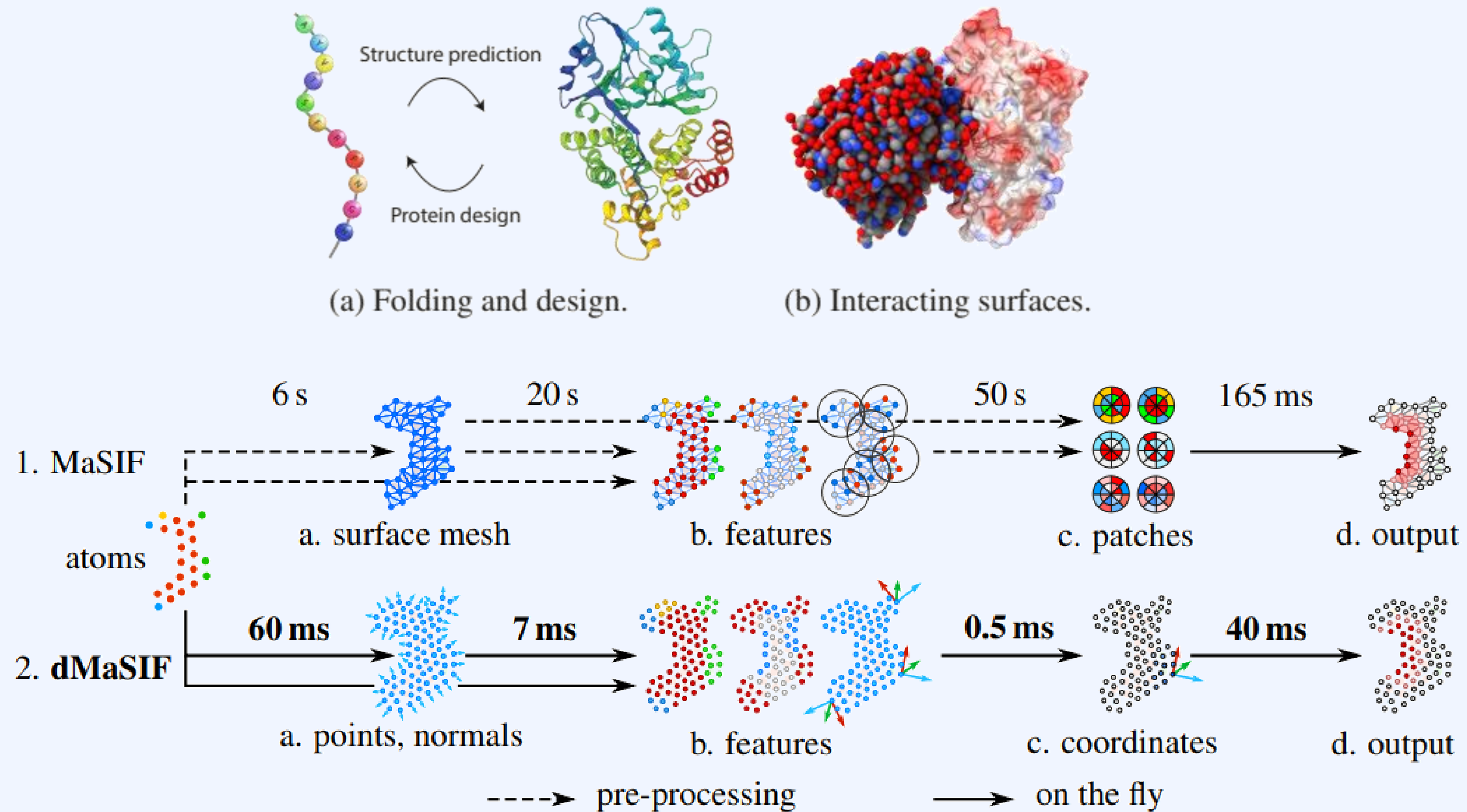
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F. Sverrisson et al. Fast end-to-end learning on protein surfaces. CVPR

dMaSIF



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V. Adeli et al. TRiPOD: Human Trajectory and Pose Dynamics Forecasting in the Wild. ICCV

TRiPOD



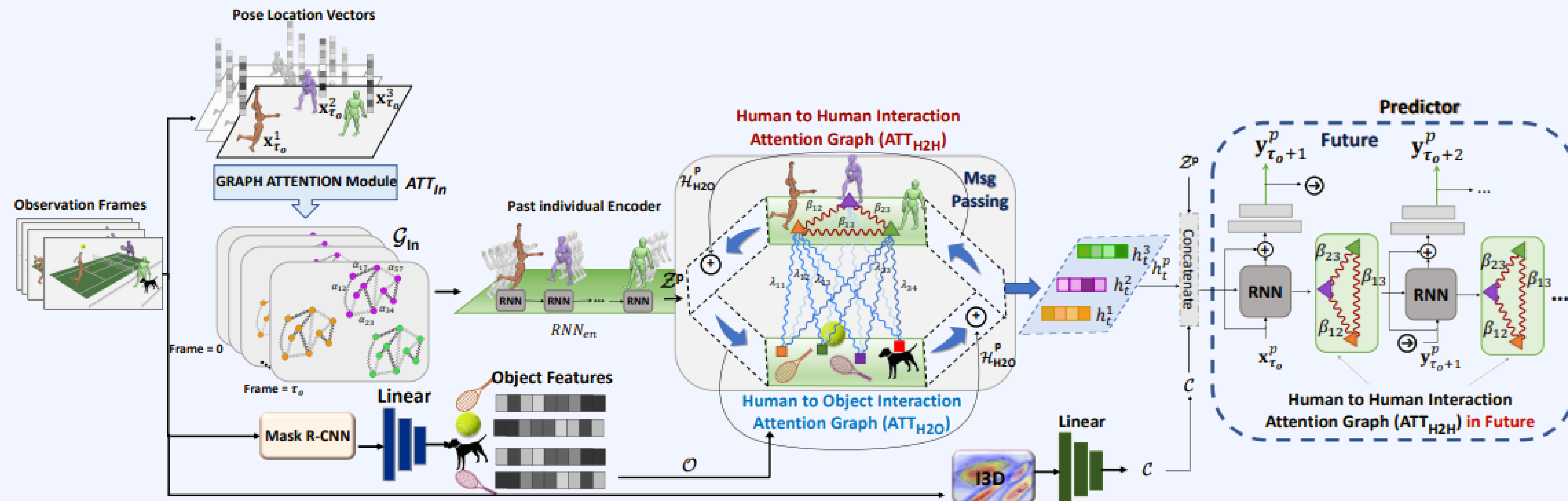
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V. Adeli et al. TRiPOD: Human Trajectory and Pose Dynamics Forecasting in the Wild. ICCV

TRiPOD



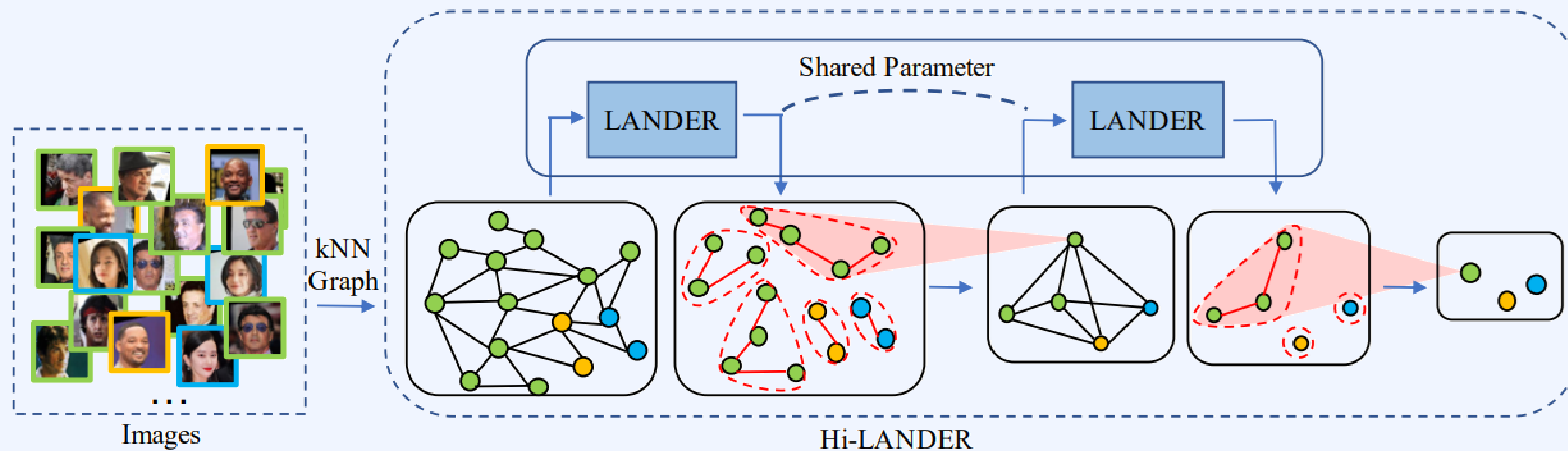
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Y. Xing et al. Learning Hierarchical Graph Neural Networks for Image Clustering. ICCV

Hi-LANDER



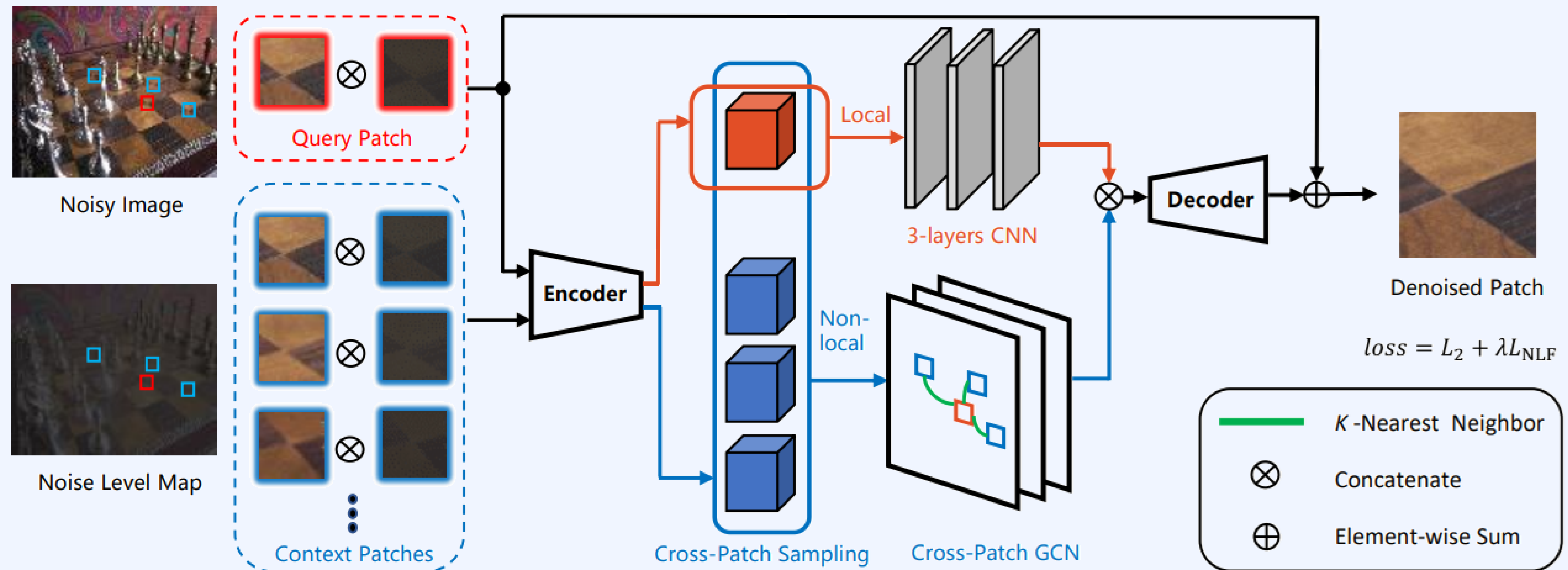
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Y. Li et al. Cross-Patch Graph Convolutional Network for Image Denoising. ICCV

Cross-Patch Net (CPNet)



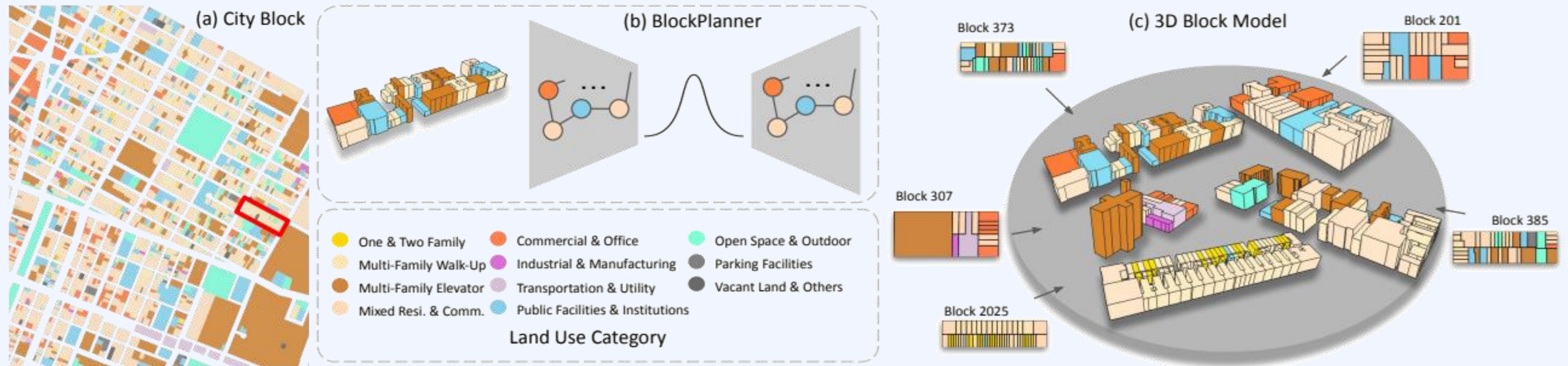
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L. Xu et al. BlockPlanner: City Block Generation with Vectorized Graph Representation. ICCV

BlockPlanner



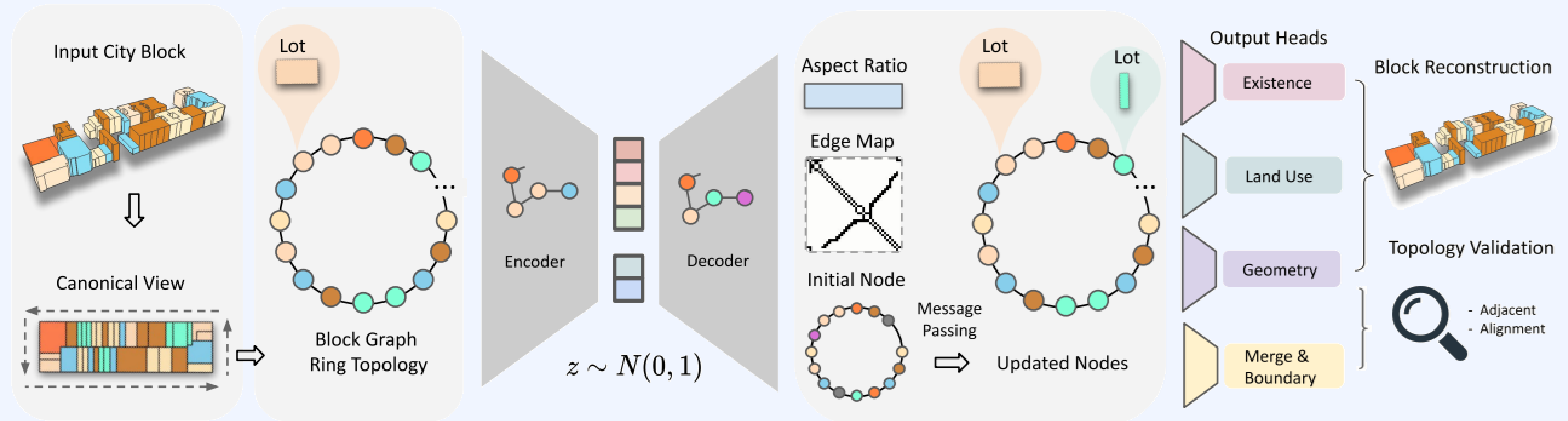
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L. Xu et al. BlockPlanner: City Block Generation with Vectorized Graph Representation. ICCV

BlockPlanner



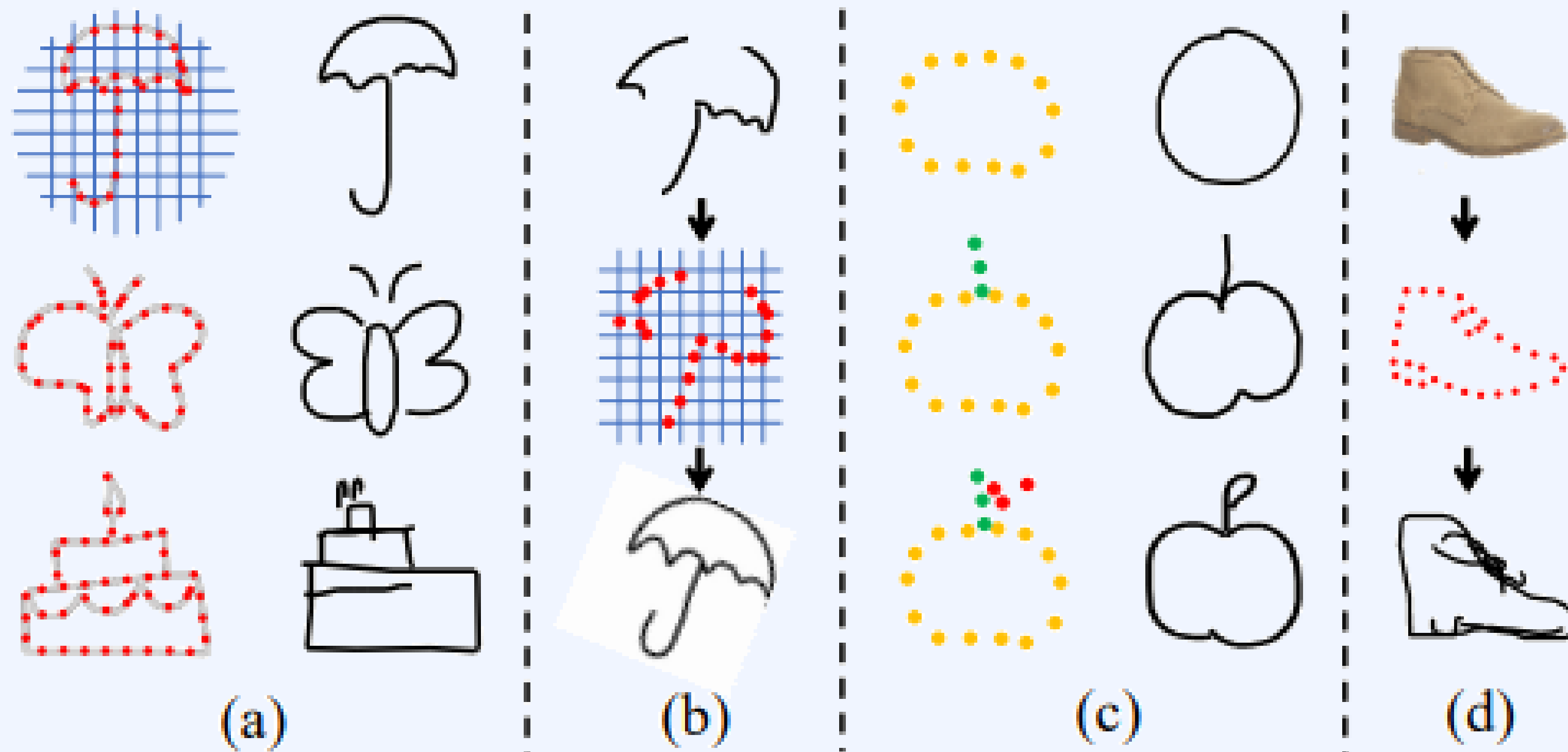
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Y. Qi et al. SketchLattice: Latticed Representation for Sketch Manipulation. ICCV

SketchLattice



Y. Qi et al. SketchLattice: Latticed Representation for Sketch Manipulation. ICCV

SketchLattice

