

# Particle-Net from scratch

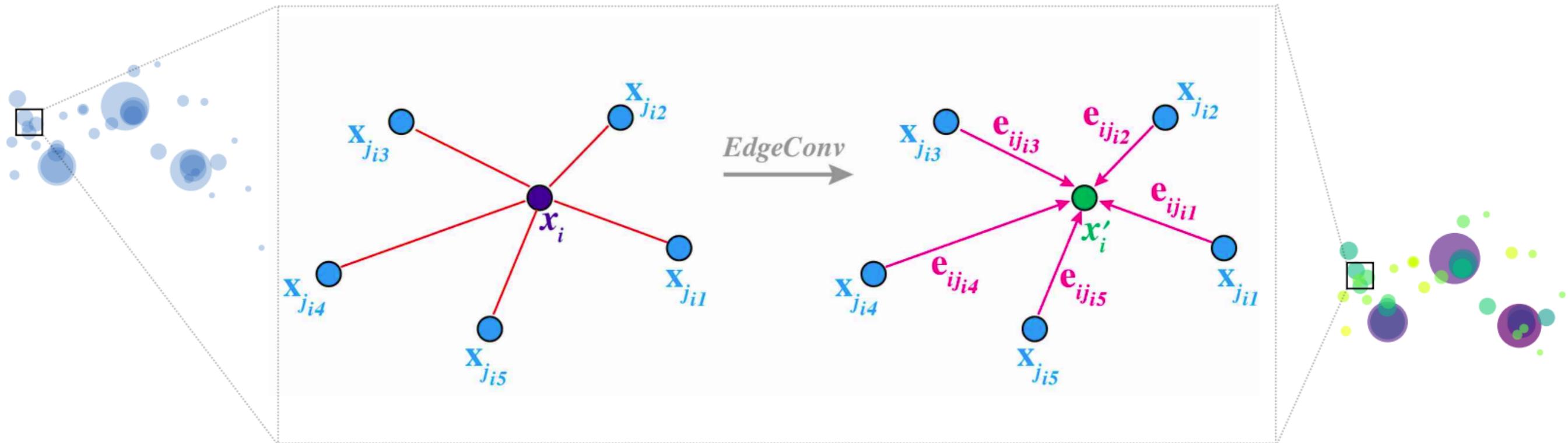
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**Machine Learning for Particle and Astroparticle Physics, IOPB 2024**

**05/07/2024**

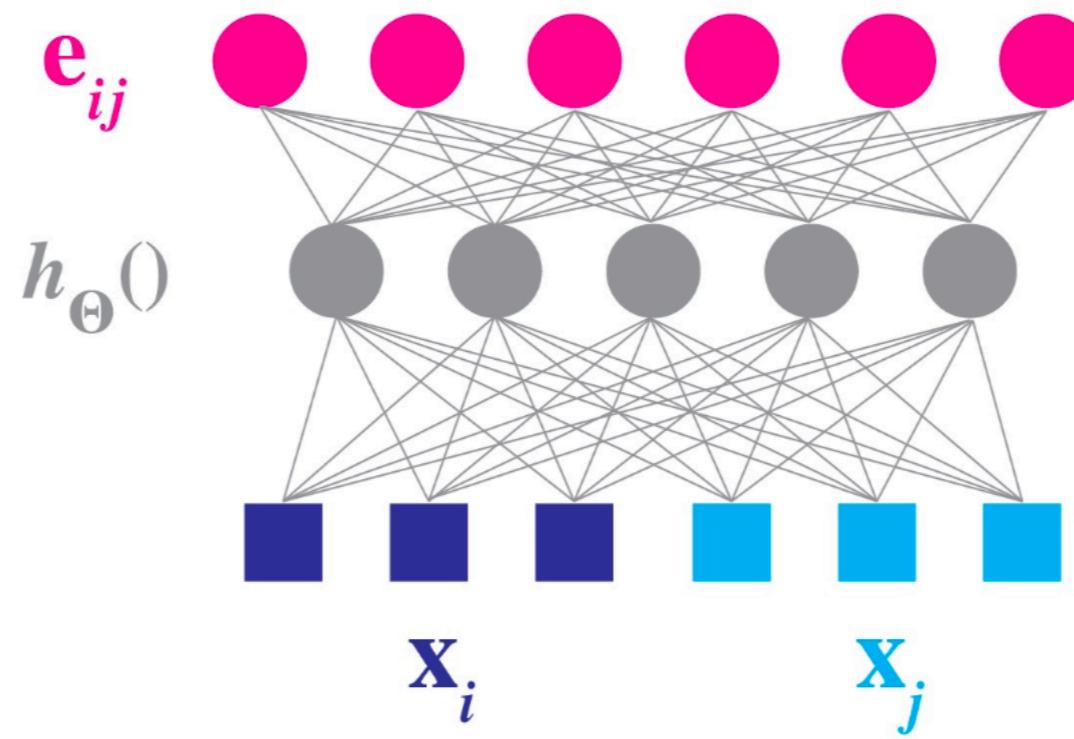
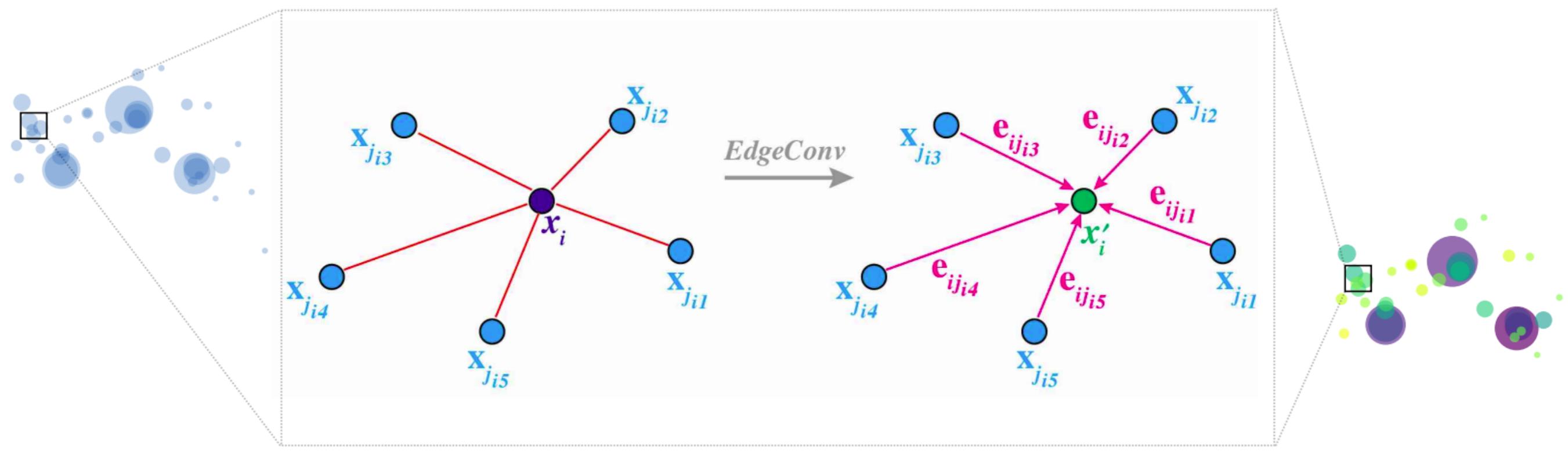


# The case of dynamic edge-conv

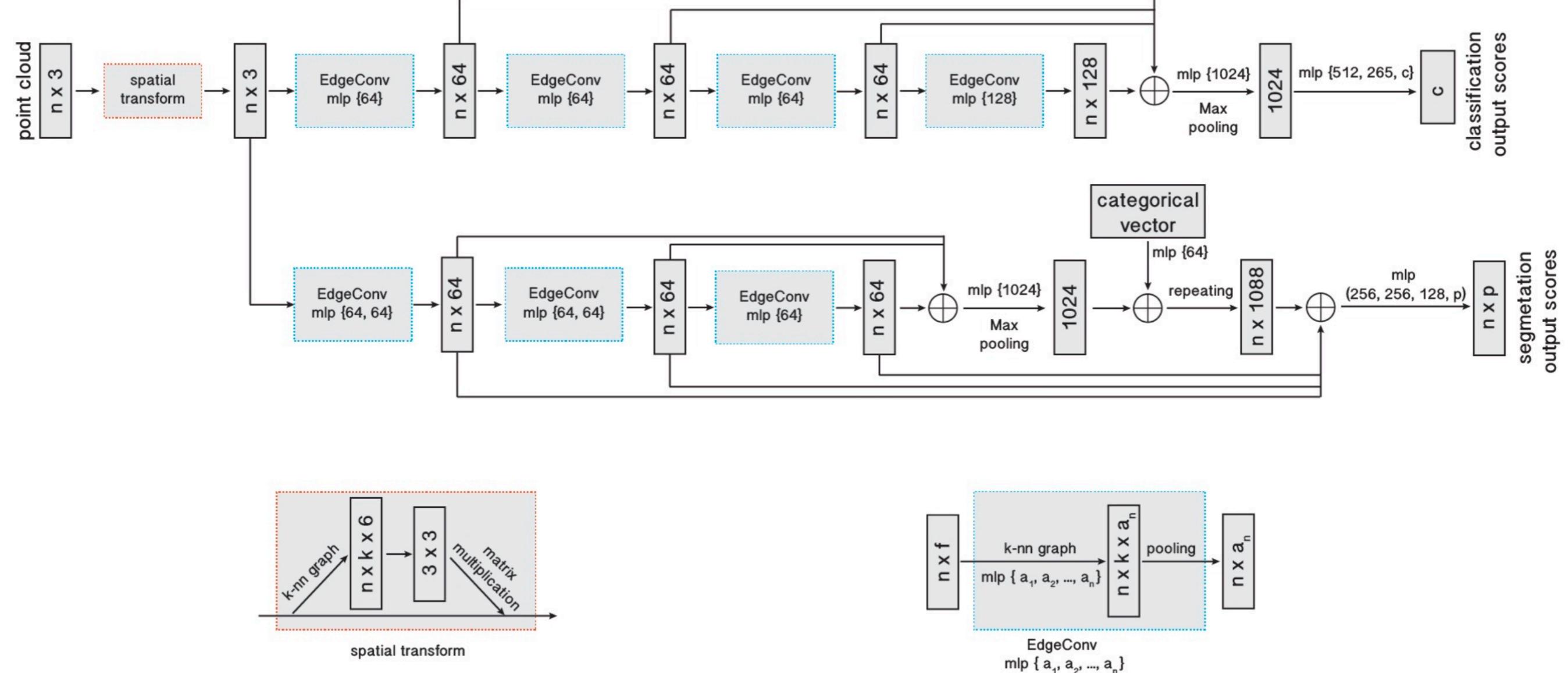


arXiv 1801.07829

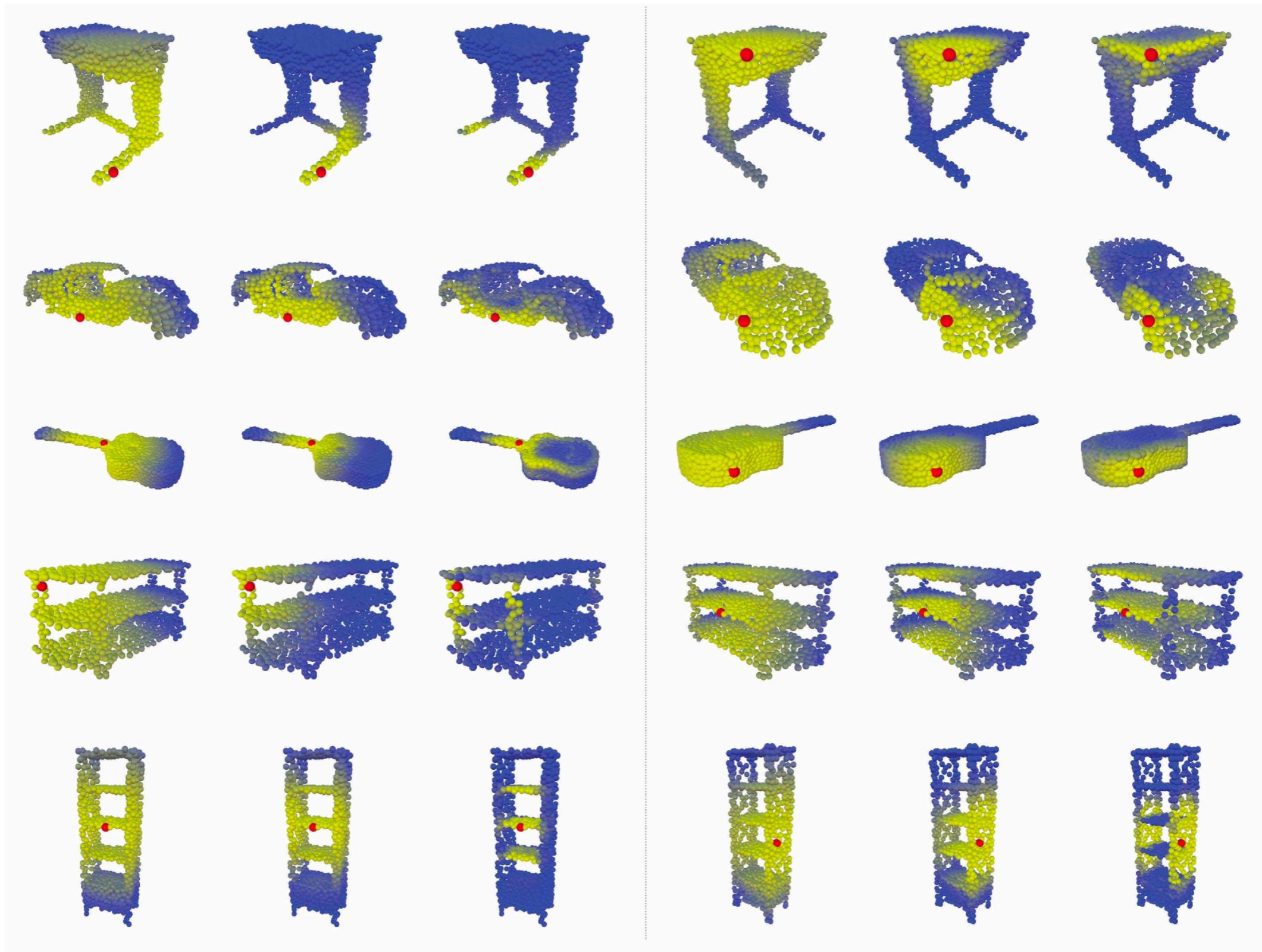
# The case of dynamic edge-conv



# Used for point cloud



# Used for point cloud



# The particlenet paper

Jet Tagging via Particle Clouds

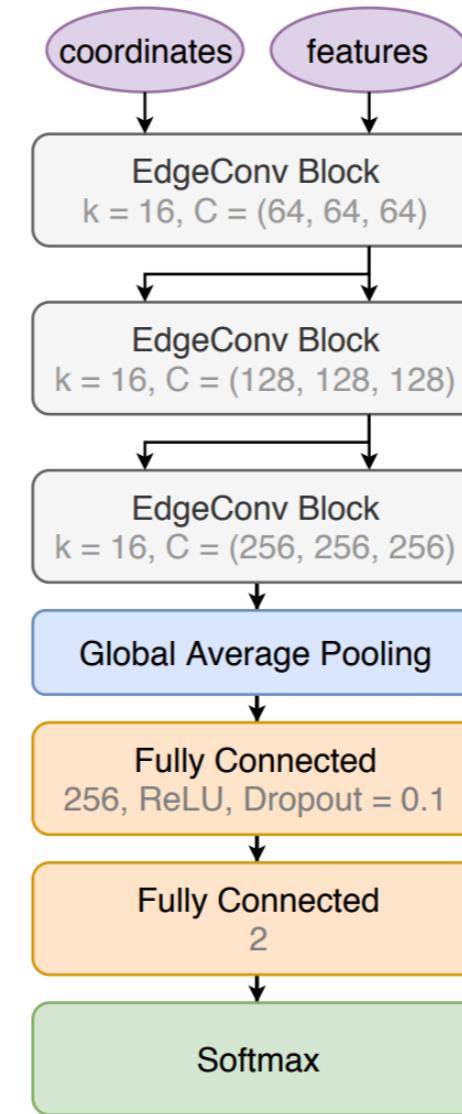
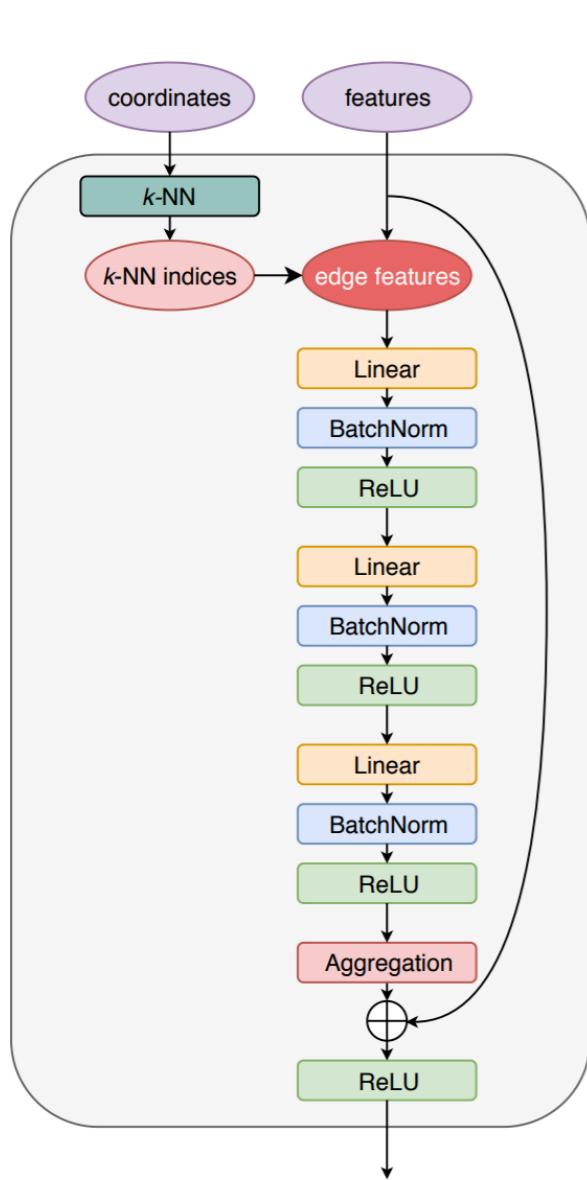
1902.08570

Huilin Qu\*

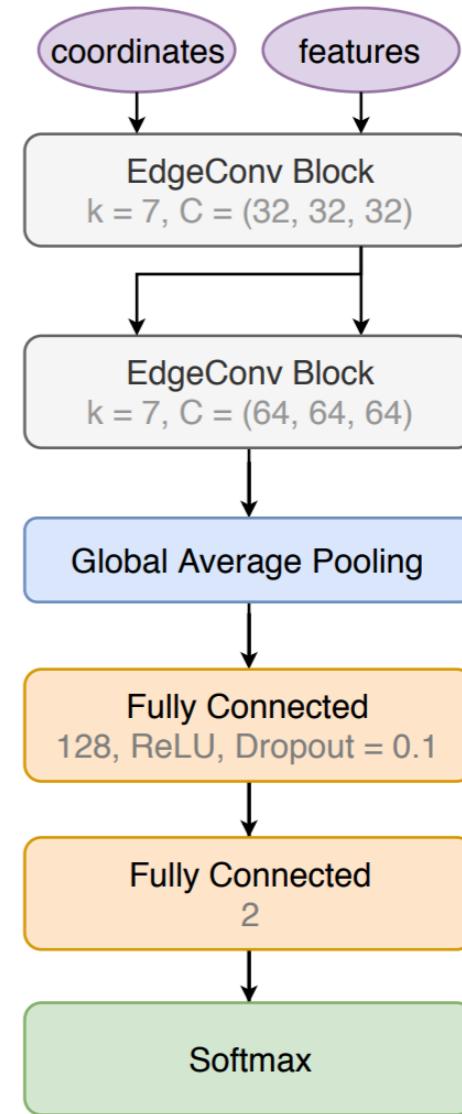
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(a) ParticleNet



(b) ParticleNet-Lite

# Graph level task

