

# Implement NN Pixel Clustering in ATLAS Inner Detector Trigger for b-jet Signature

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This study has finished the implementation of NN pixel Clustering algorithm of Athena release 22 in the ATLAS Inner Detector Trigger analysis framework for the b-jet signature. An improvement in the tracking efficiency is observed in release 22 offline tracking. The study also helps to improve the tracking efficiency by modifying the truth level tracking information.

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