

Weekly Report 2019.07.08-2019.07.14

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Work and Progress

1. Proof of mathematical principal of [DFE](#):

1. Single Convolution Layer: Linear Transformation exist between key frame feature map and non-key frame feature map
2. Multi Convolution Layers: Magnitude of residual will not be magnified exponential
3. Non-Linear / ReLU Layer: No Idea

2. Optimisation Of [HAG](#):

1. Maybe Not Optimal, But No Better Idea
2. Heap Implementation Question

3. Reimplementation of [HAG](#):

1. Read of [PyG](#): Just a Readme File, Implementation of some models
2. Code of PyG: Data structure and Data Loading
3. GNN Without HAG: In Writing...