

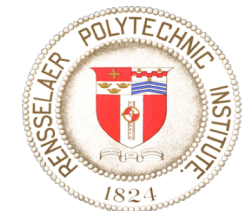
Deep Iterative and Adaptive Learning for Graph Neural Networks

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Iterative Deep Graph Learning Framework

- GNNs are powerful only if the graph-structured data is available.
 - Is the intrinsic graph-structure **optimal** for the downstream task?
 - Can we learn graph structure **supplementary** to the intrinsic graph?
- What if the graph-structured input data is NOT available.
 - Can we do **automatic** graph construction?

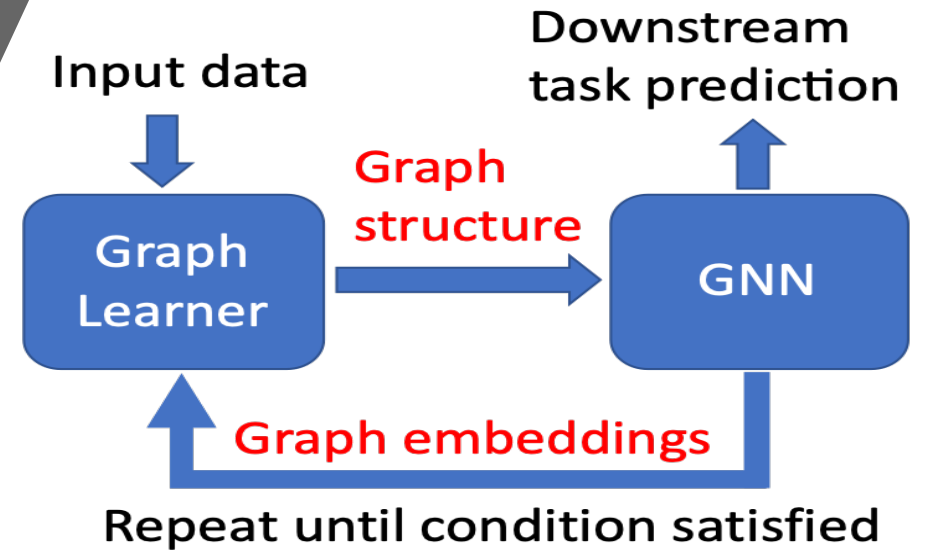


Figure 2. Iterative method.

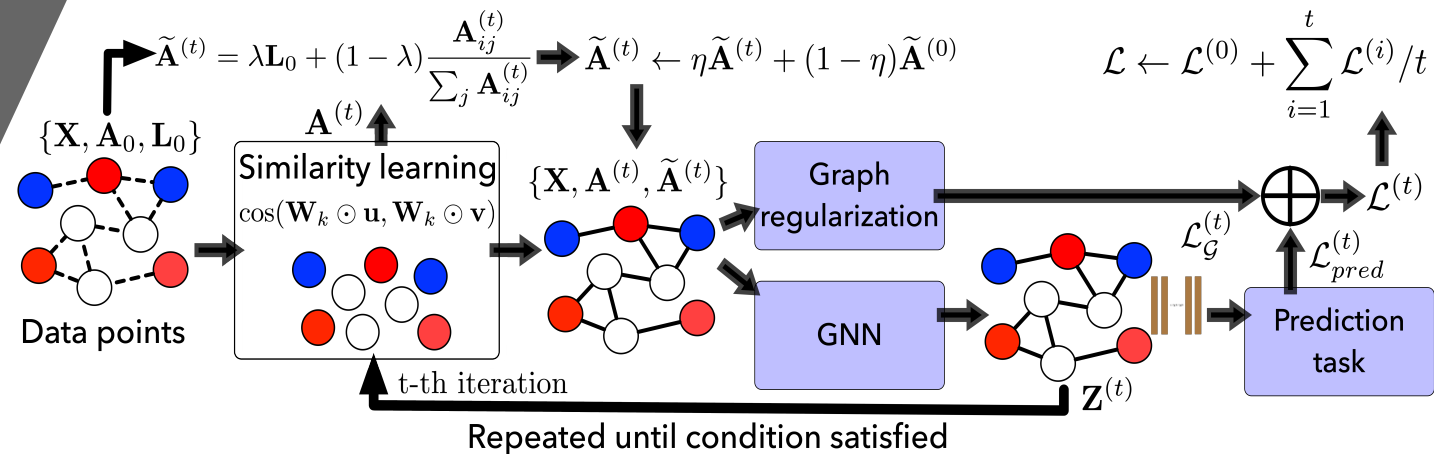


Figure 1. Overall architecture of the proposed framework.