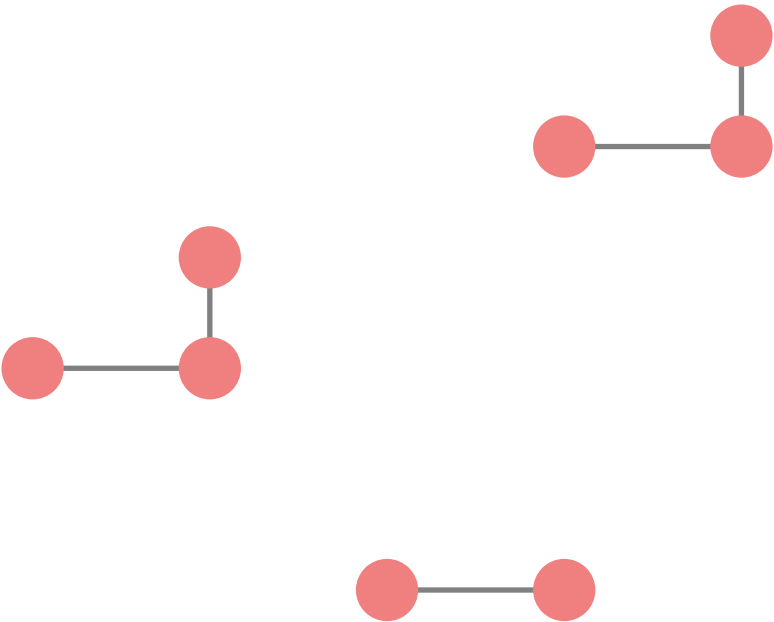


geDIG Framework: Insight Detection through Graph Structure Changes

Before: Disconnected Clusters



GED (Graph Edit Distance)

- Nodes: 8 → 9 (+1)
- Edges: 5 → 8 (+3)

Structural Integration

New Query

How are concepts  
A, B, C related?

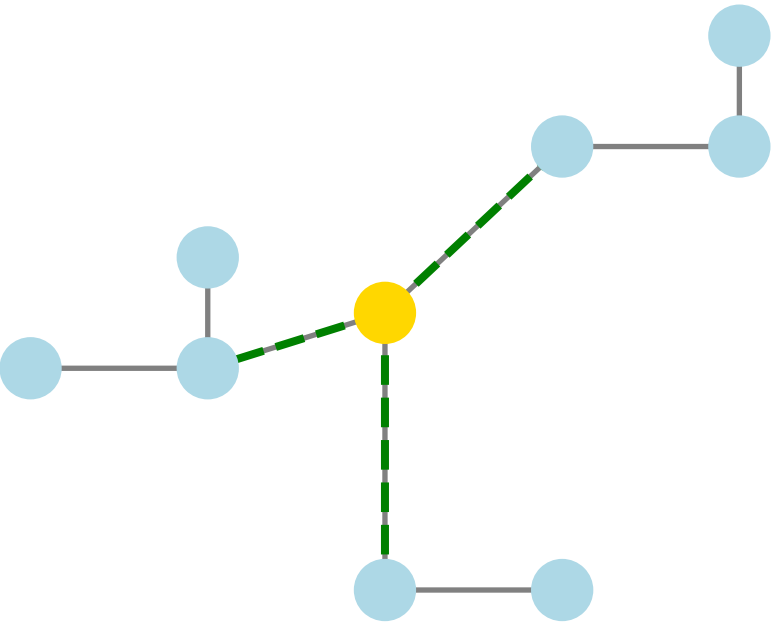


IG (Information Gain)

- Entropy Variance: High → Low
- Inter-cluster Information Flow

Information Organization

After: Integrated Knowledge Graph



geDIG = -ΔGED - ΔIG

Structure + Information

= Insight Moment

$\theta = -0.5$