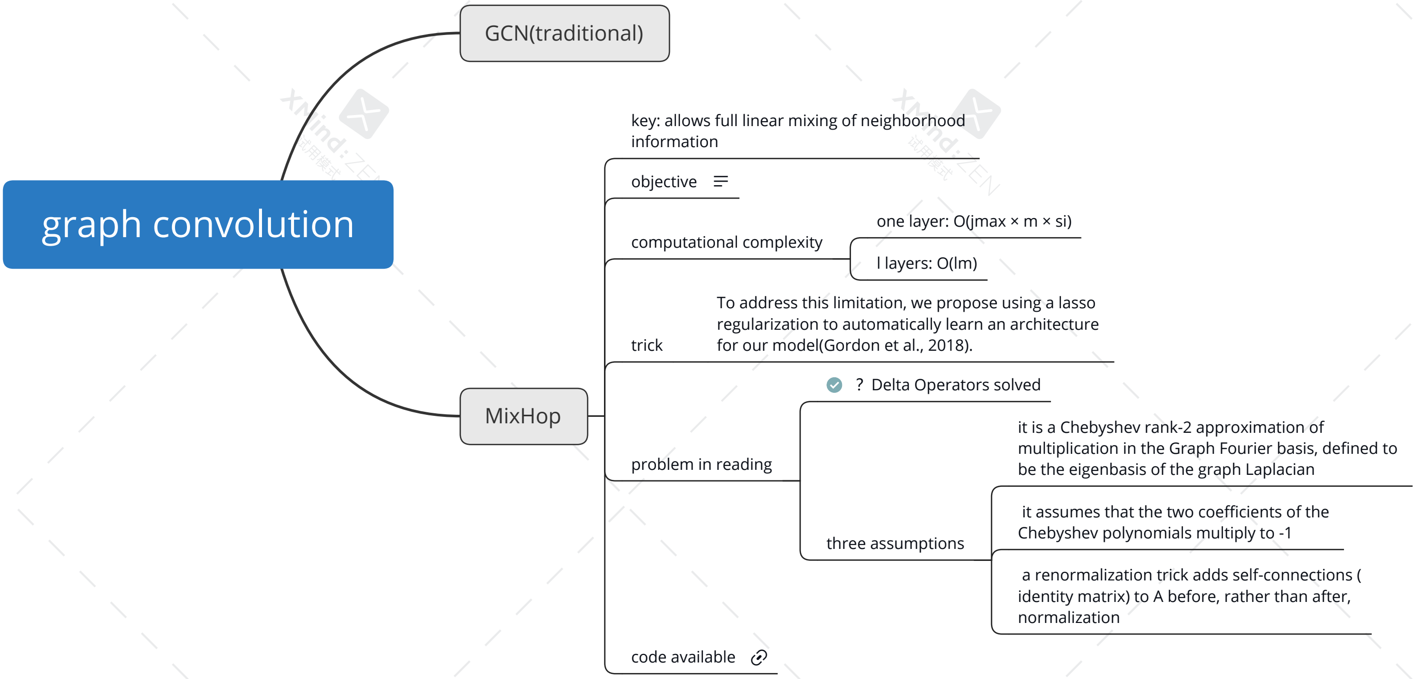

- graph convolution
  - GCN(traditional)
  - MixHop
    - key: allows full linear mixing of neighborhood information
    - objective ≡
    - computational complexity
      - one layer: O(jmax × m × si)
      - l layers: O(lm)
    - trick
      - To address this limitation, we propose using a lasso regularization to automatically learn an architecture for our model(Gordon et al., 2018).
    - problem in reading
      - ✓ ? Delta Operators solved
      - three assumptions
        - it is a Chebyshev rank-2 approximation of multiplication in the Graph Fourier basis, defined to be the eigenbasis of the graph Laplacian
        - it assumes that the two coefficients of the Chebyshev polynomials multiply to -1
        - a renormalization trick adds self-connections (identity matrix) to A before, rather than after, normalization
    - code available 🔗

XMind:ZEN | 试用模式