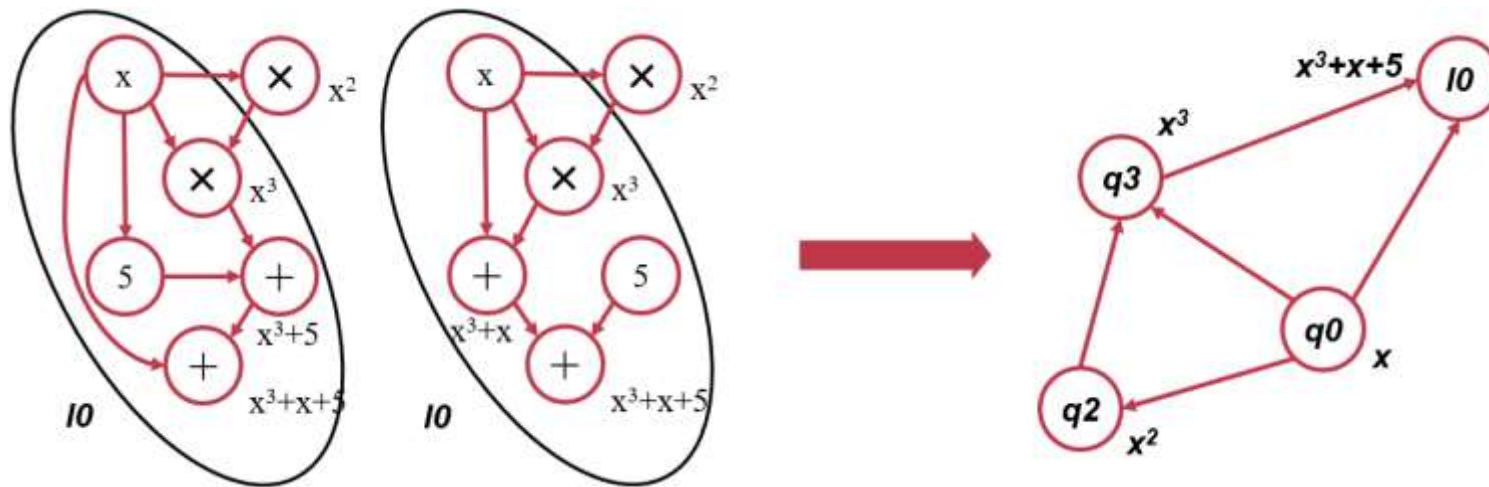# Algorithm Design: RNode Graph Abstraction

- **Main Steps:** *Abstracting linear tiles as a single large node and reconfiguring the associated edges.*

- **The type of edges after abstraction:**
  - Abstract Node to Abstract Node: *Both abstracted nodes represent linear tiles that have common RNode.*
  - Abstract Node to RNode: *RNode is present in the linear tile represented by the abstracted node.*
  - RNode to RNode: *Maintaining consistency with the original data flow graph before abstraction.*