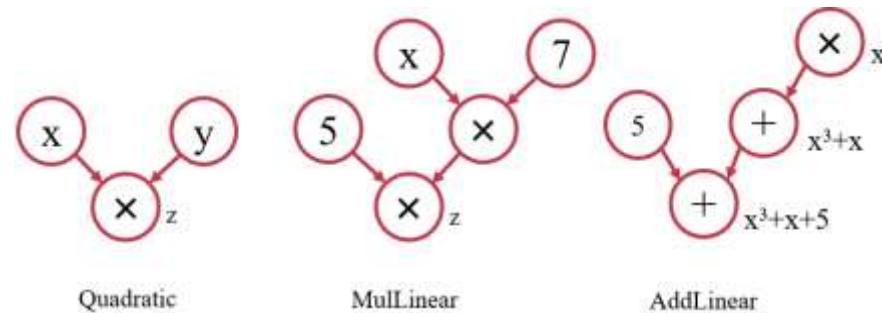# Algorithm Design: Tile Selection

- **Main Steps:** *Partitioning data flow graphs using customized tile types*

- **Customized Tile Types:**
  - Quadratic
  - MulLinear
  - AddLinear

Quadratic   MulLinear   AddLinear

- **Three Considerations:**
  - Temporarily deferring the constraint merging step.
  - Utilizing the paradigm based on unmerged constraints as the fundamental approach.
  - Implementing a relatively straightforward algorithm for tile selection.