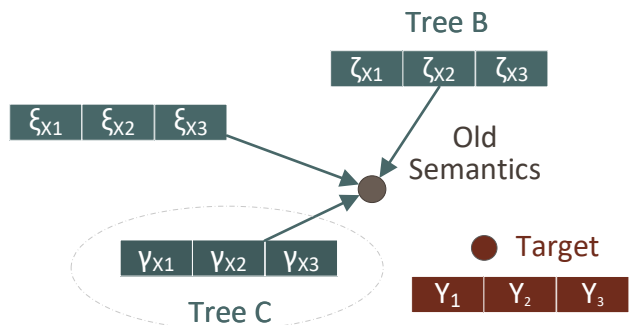
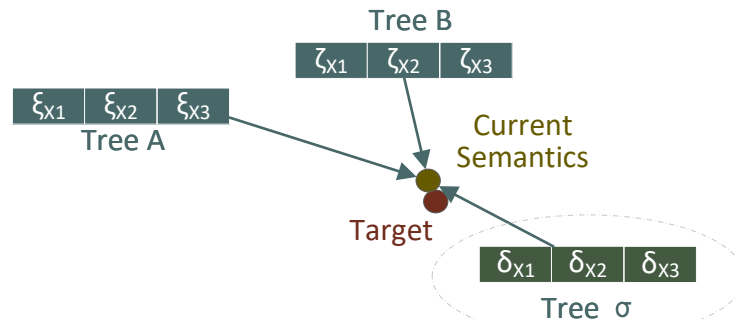


$$\text{Old Solution } (\xi, \zeta, \gamma) = \beta_1 \xi + \beta_2 \zeta + \beta_3 \gamma$$



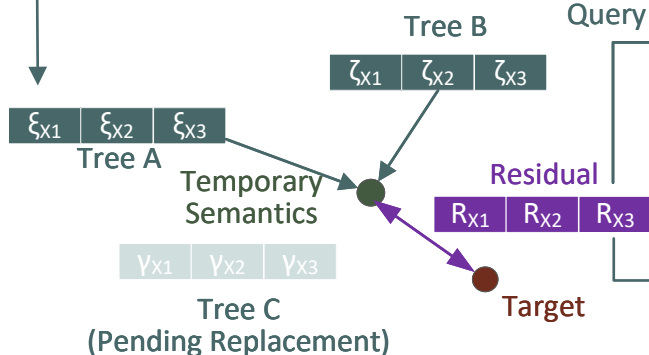
$$\text{New Solution } (\xi, \zeta, \delta) = \beta_1 \xi + \beta_2 \zeta + \beta_3 \delta$$



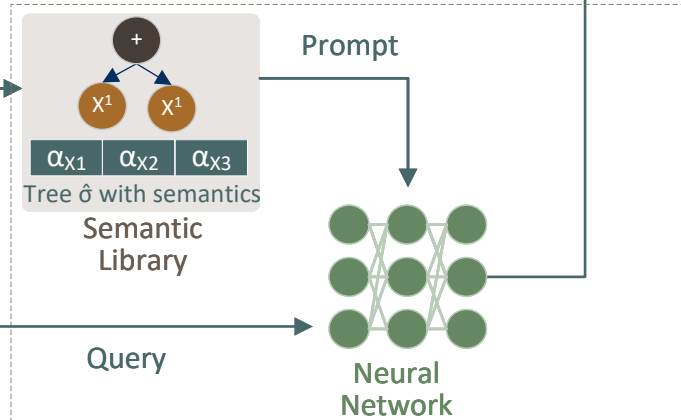
Replace a Tree with a New Tree
Generated by a Neural Network

Delete
Tree C

Add
Tree σ



Computing Residual



Neural Network with Retrieval
Augmentation to Generate a New Tree

Retrieval Augmented Neural Generation
(Semantic/Output Space)