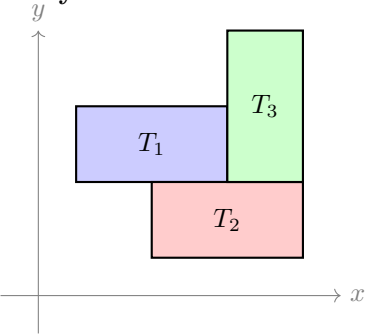
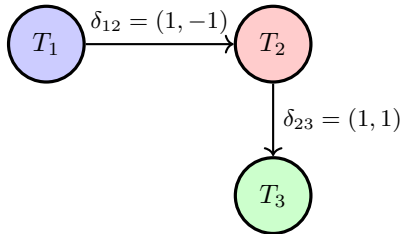


Physical Placement



Encoded as
Tree Structure

Placement Tree



*Edges store relative offsets
 $(\Delta x, \Delta y)$ defined in Def. 9.*