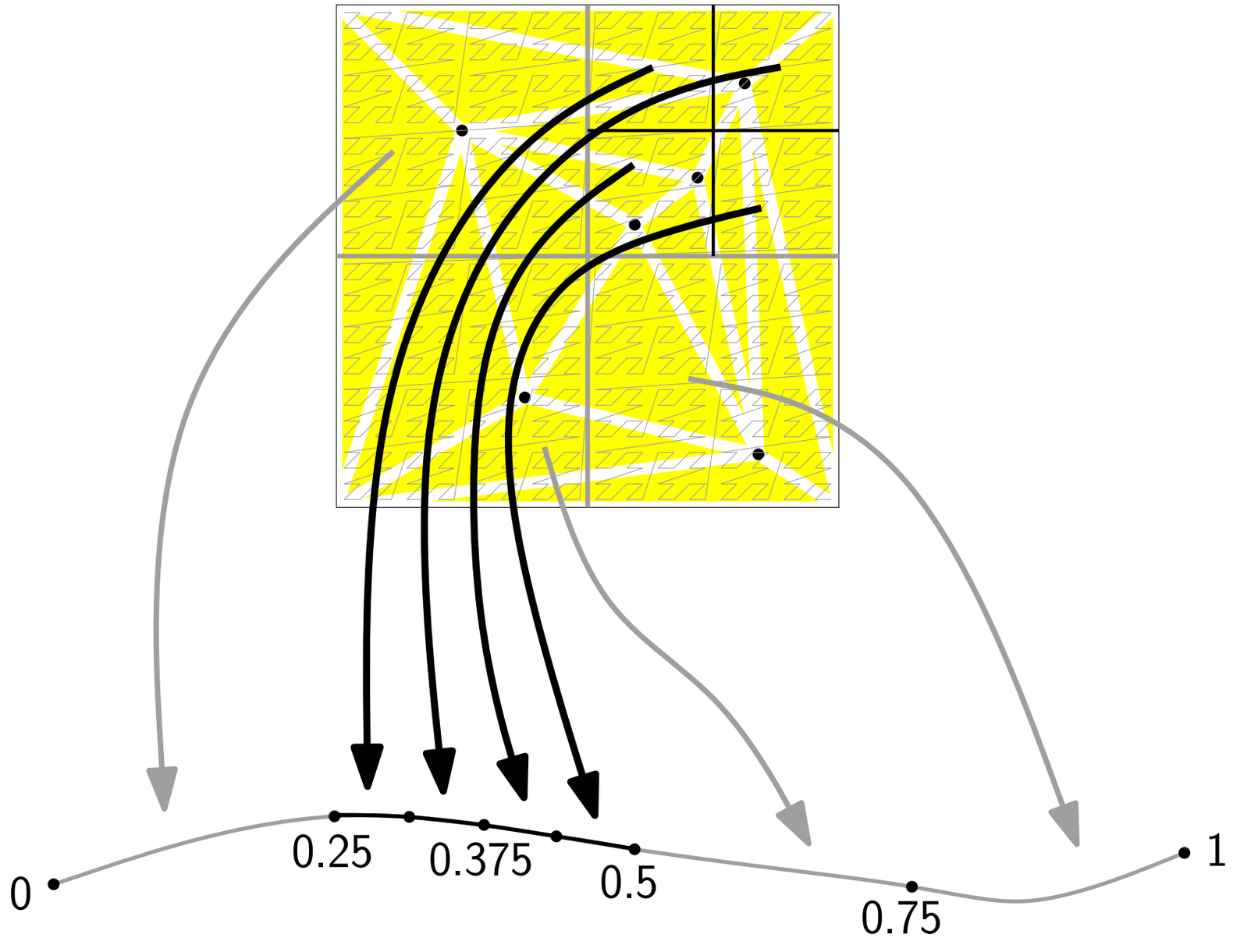
Ingredients: quadtrees and Z-order

Quadtree cell ≡ interval on Z-order curve

Quadtree subdivision ≡ subdivision of Z-order curve