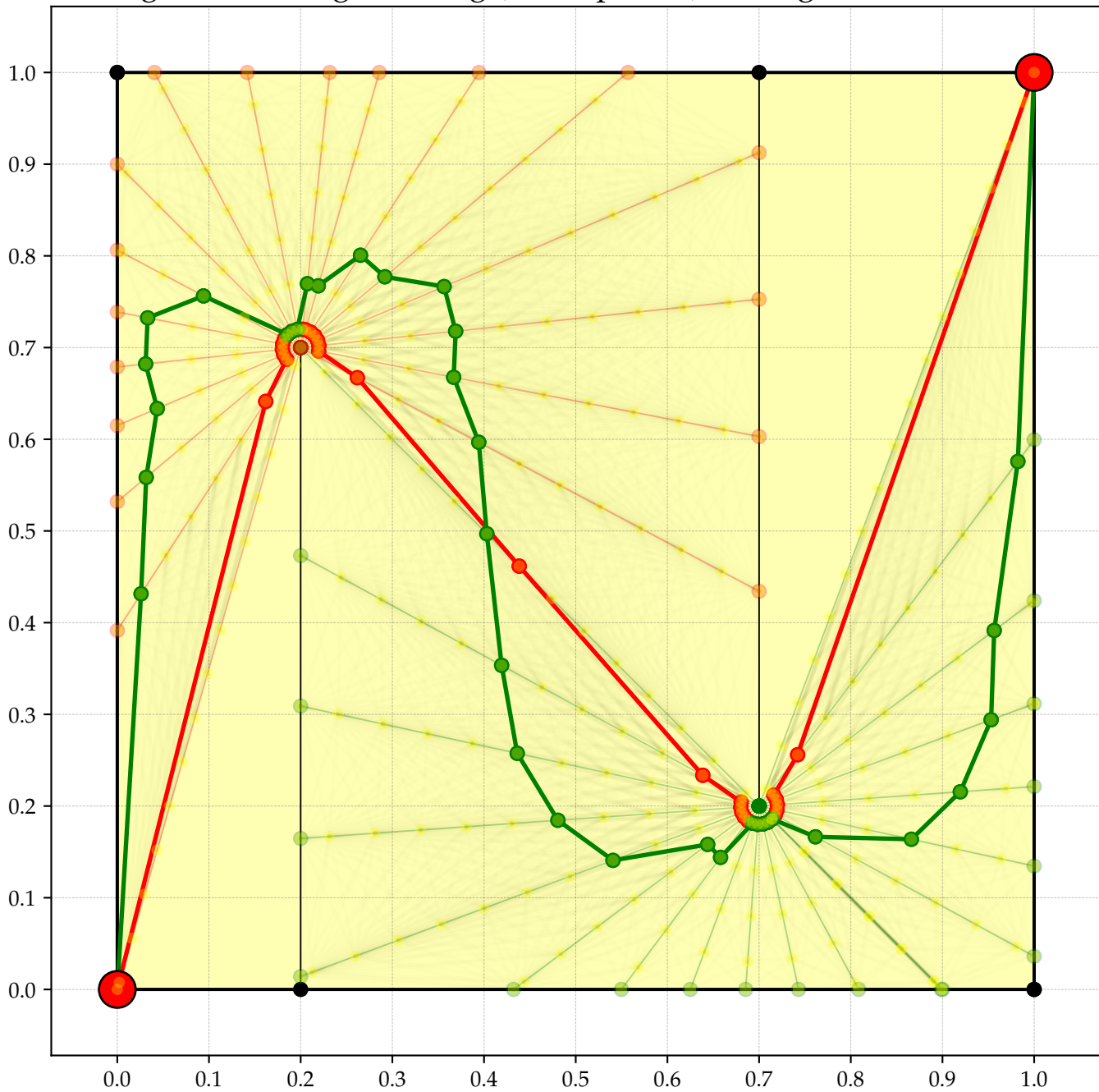


Routing scheme for generating (near optimal) arclength lookahead curves



Shortest Path (Red) length: 2.388
Lookahead Path (Green) length :3.036
LP relaxation lower bound weighted length :3.02