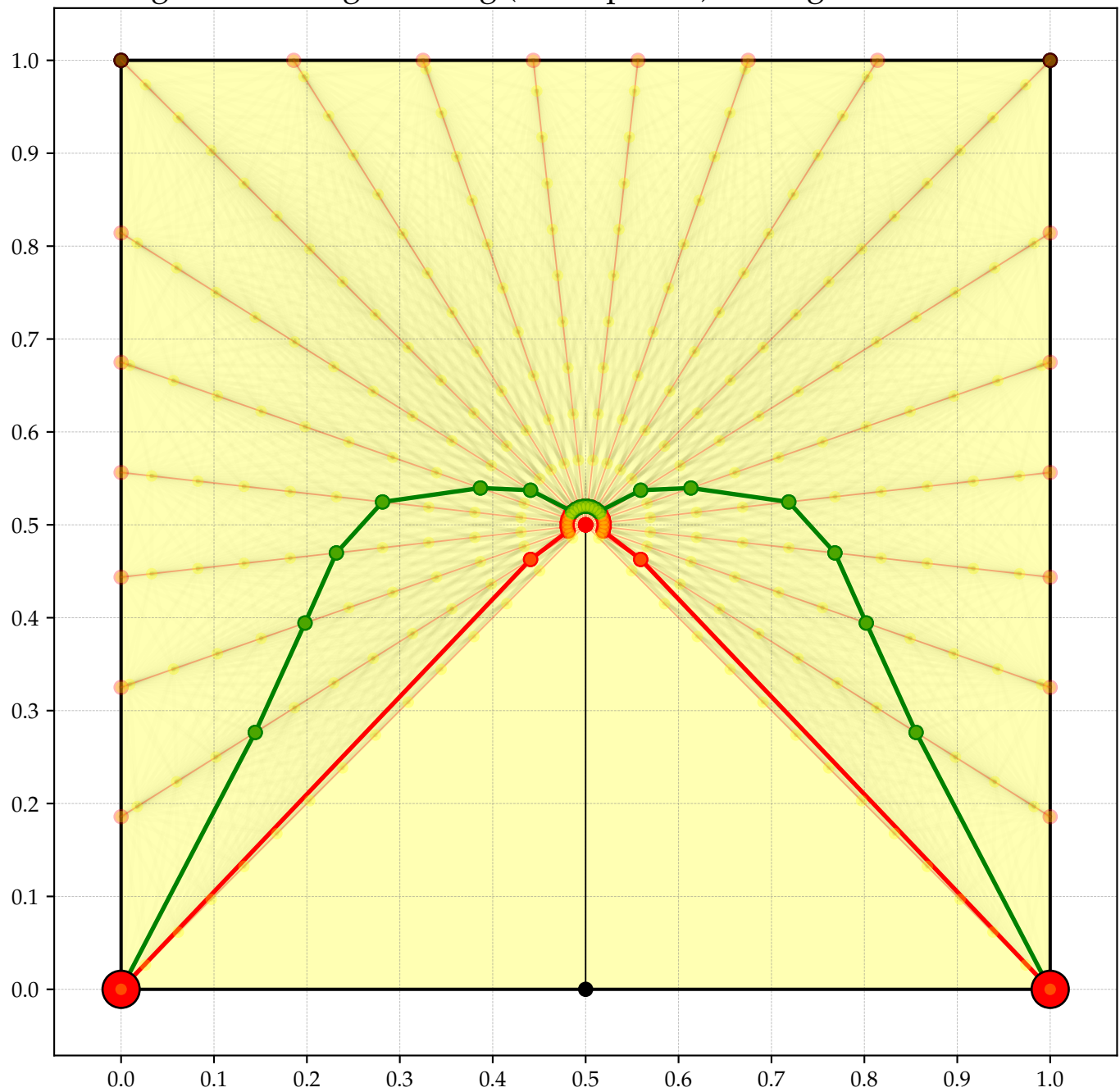


Routing scheme for generating (near optimal) arclength lookahead curves

Lookahead Lower Bound = 0.5



Shortest Path (Red) length: 1.456  
 Lookahead Path (Green) length :1.65  
 LP relaxation lower bound weighted length :1.638