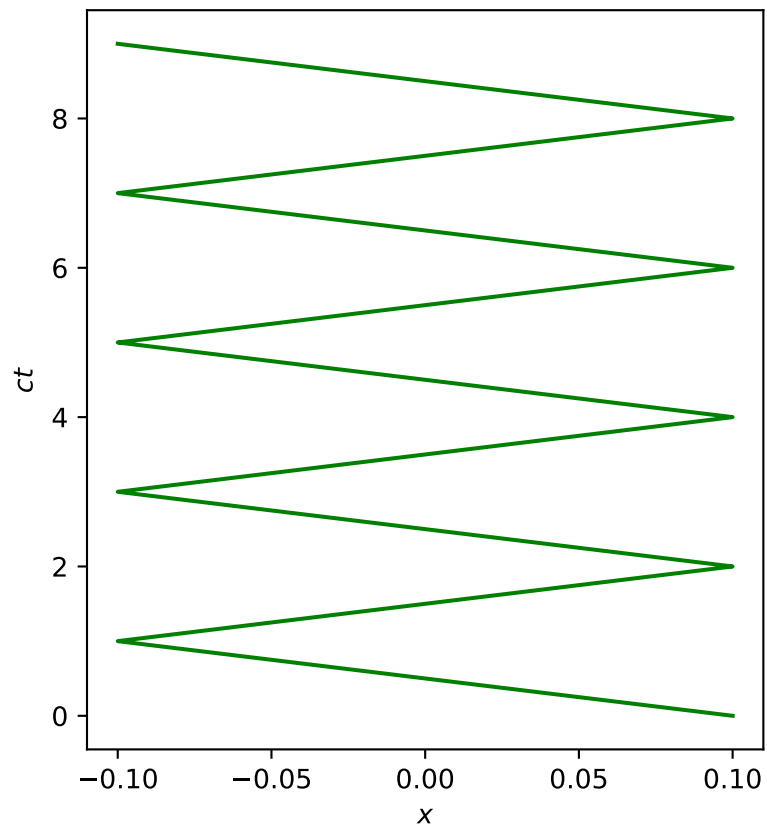


Trajectory in  $k$ -plane



$I_{\pm}(k)$

