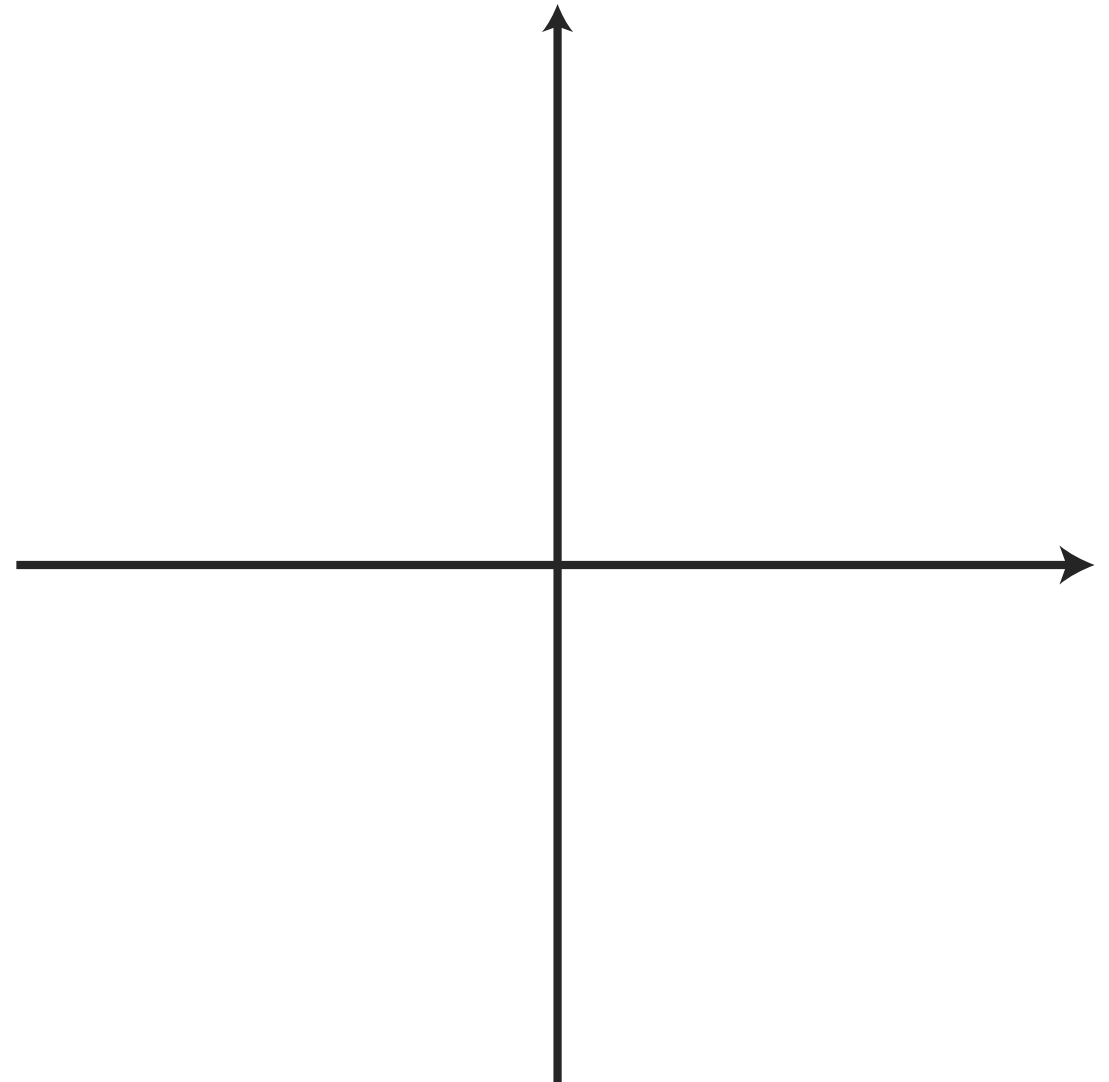
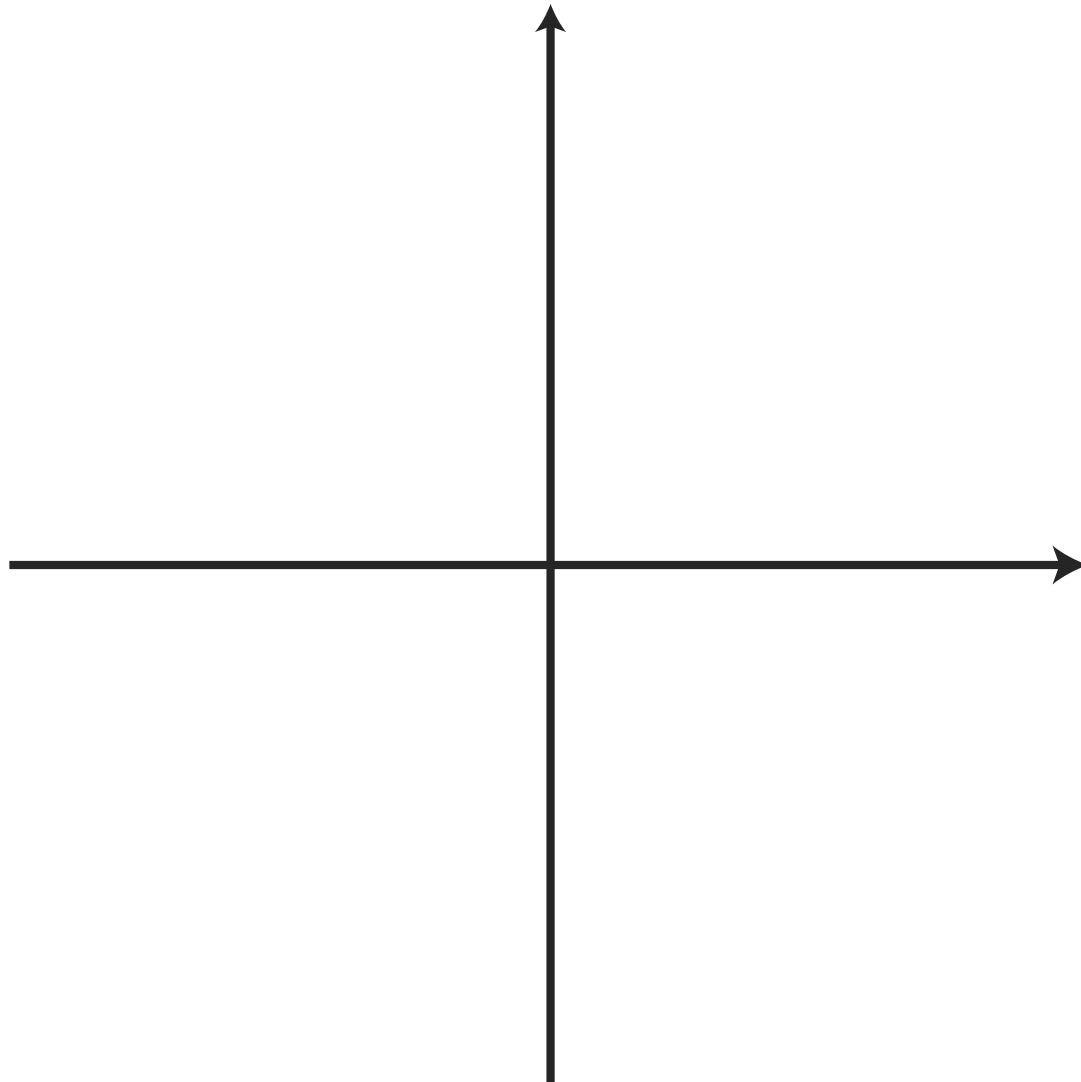


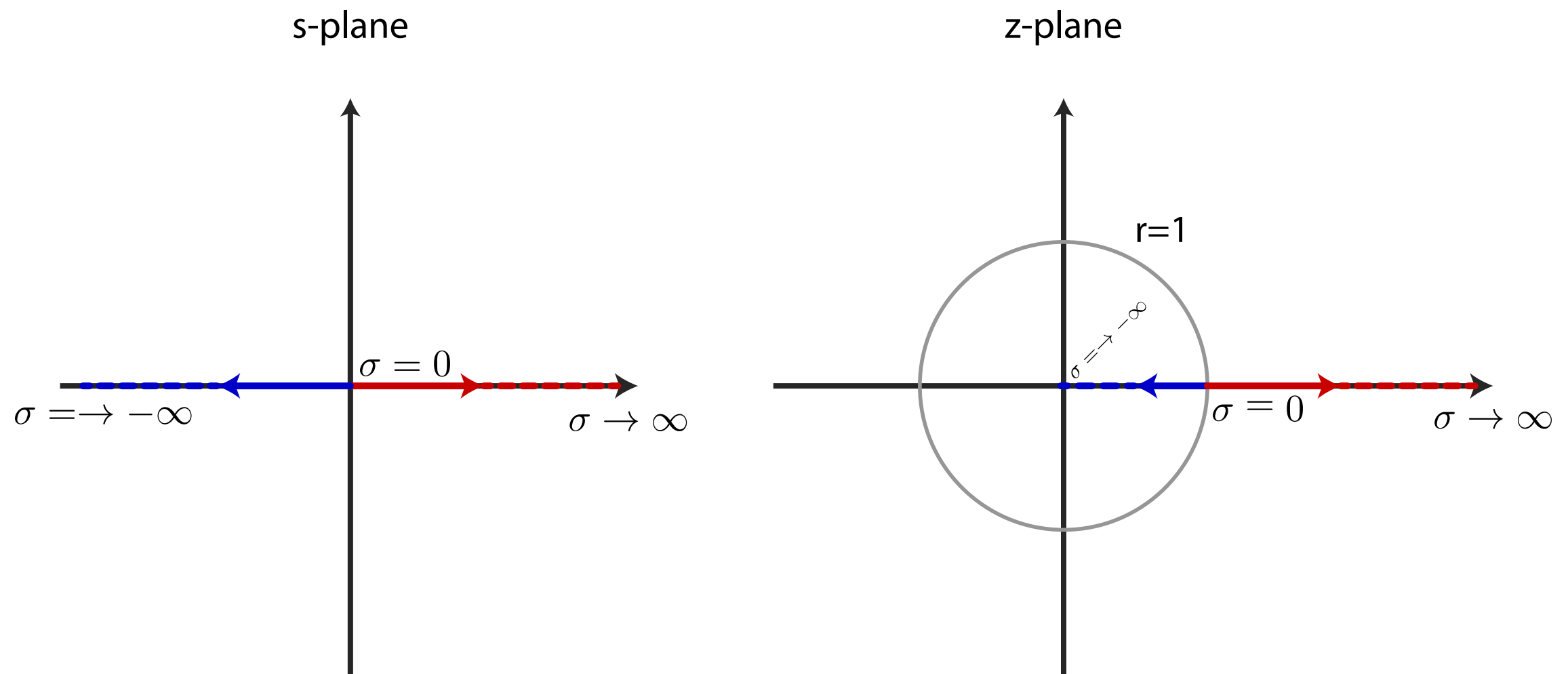
Mapping of real line in s-plane to z-plane

s-plane

z-plane



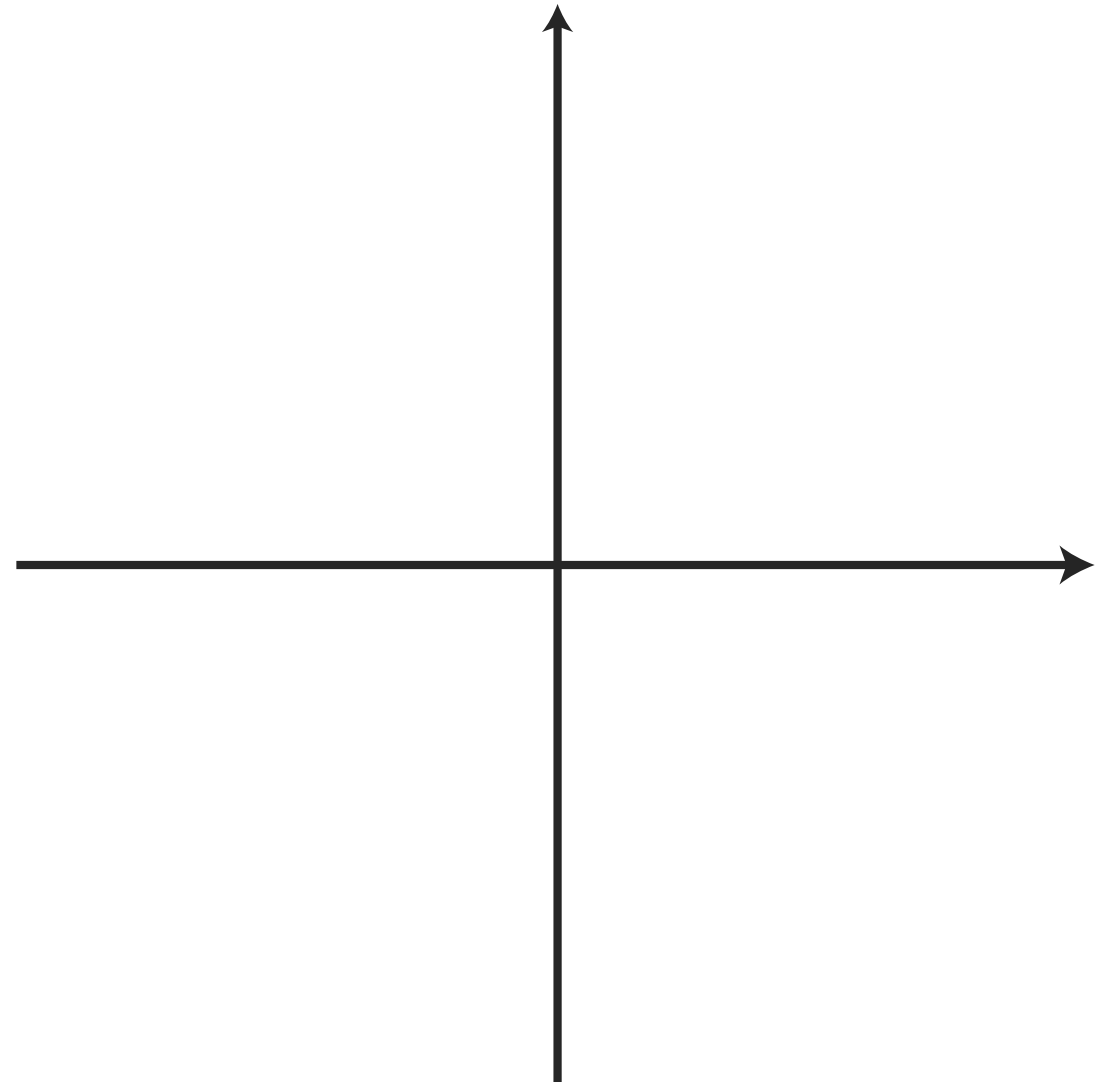
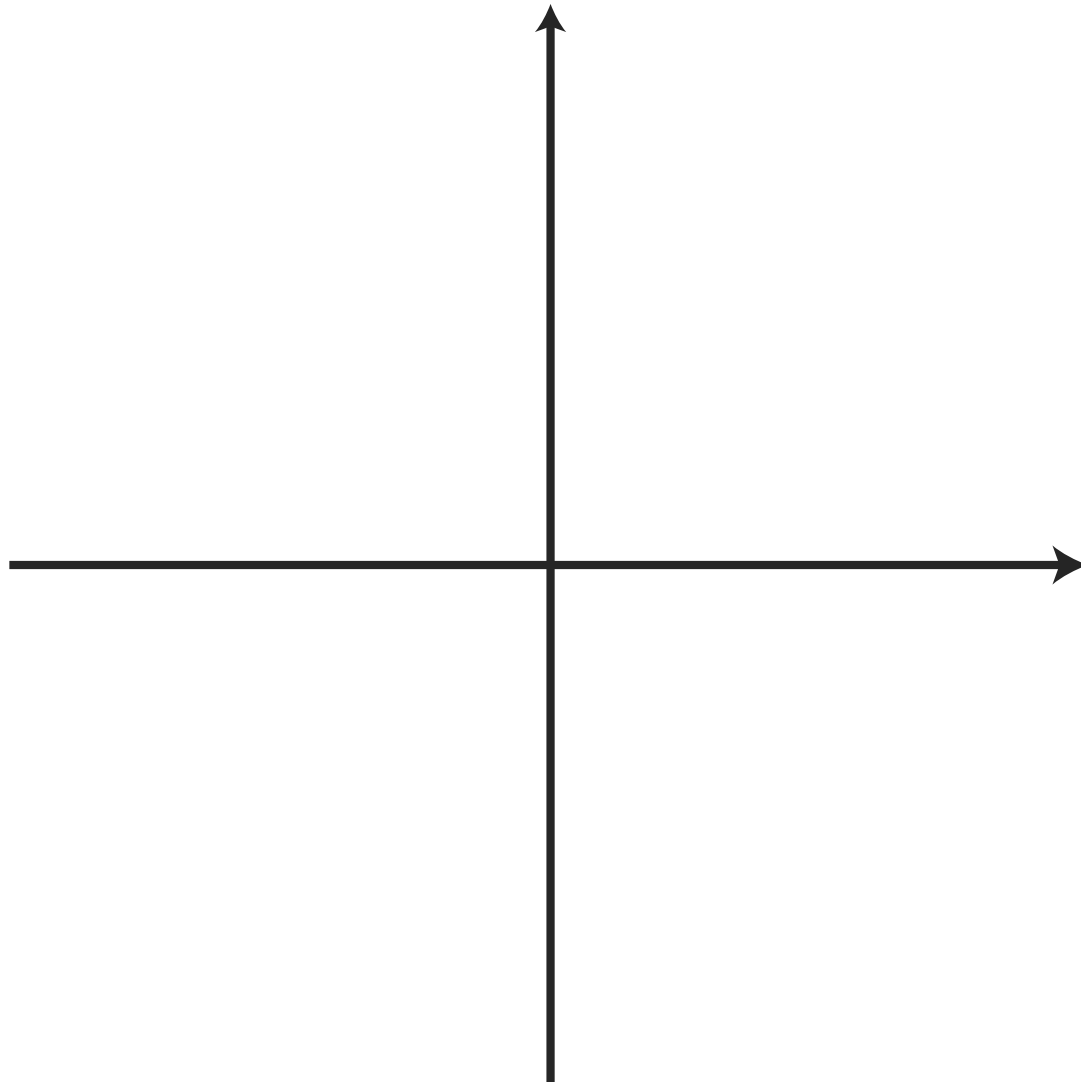
Mapping of real line in s-plane to z-plane



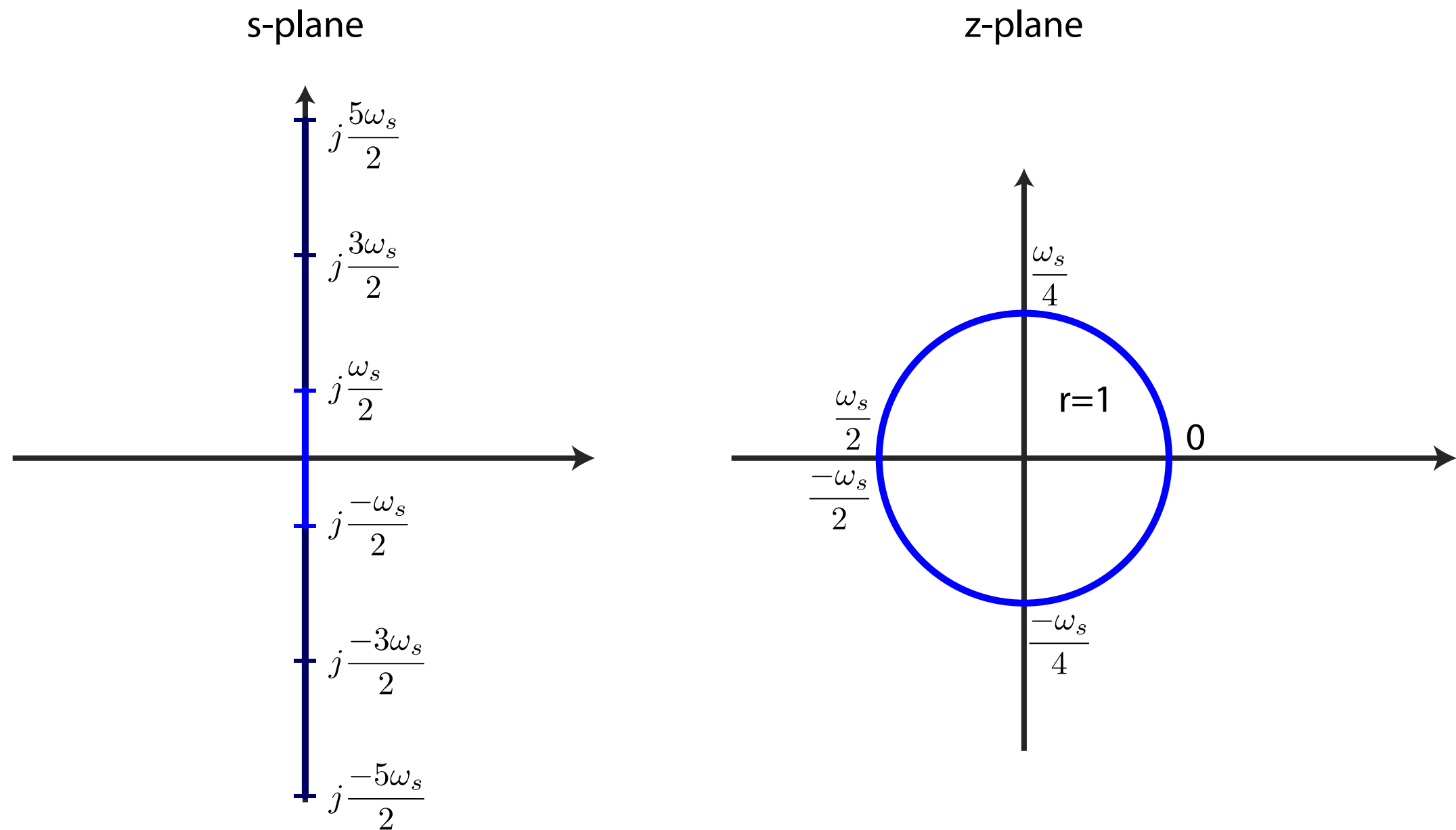
Mapping of imaginary axis in s-plane to z-plane

s-plane

z-plane



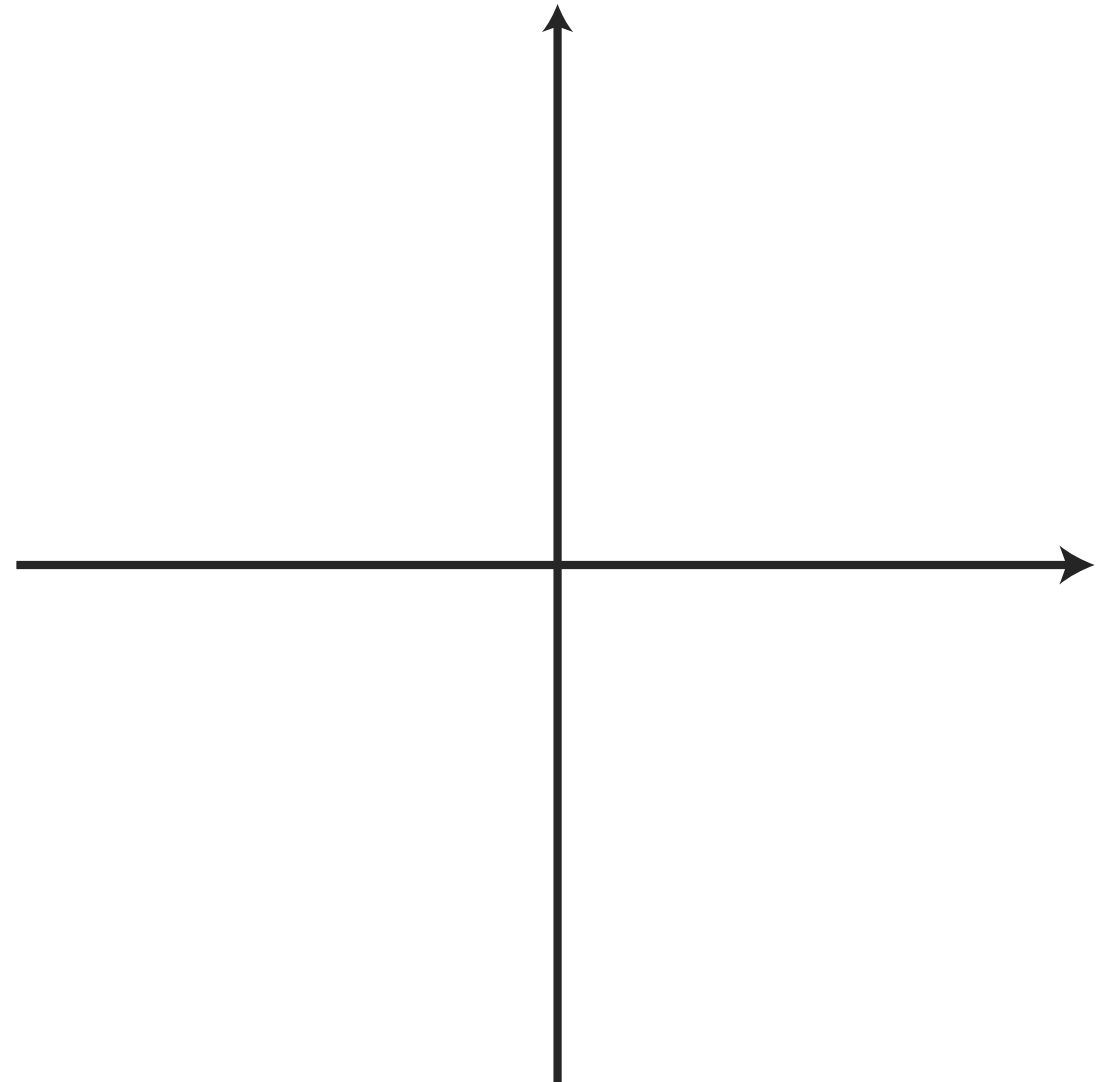
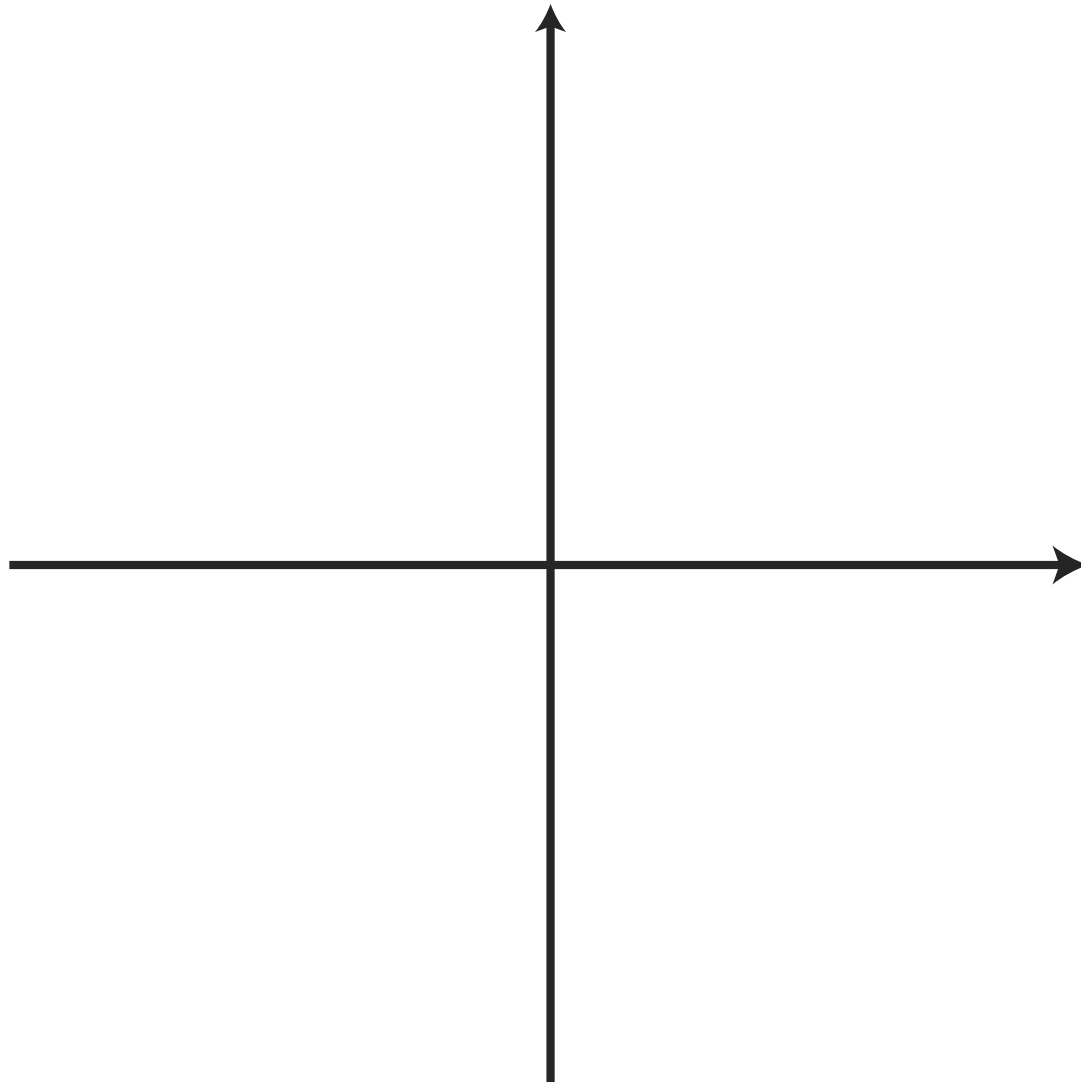
Mapping of imaginary axis in s-plane to z-plane



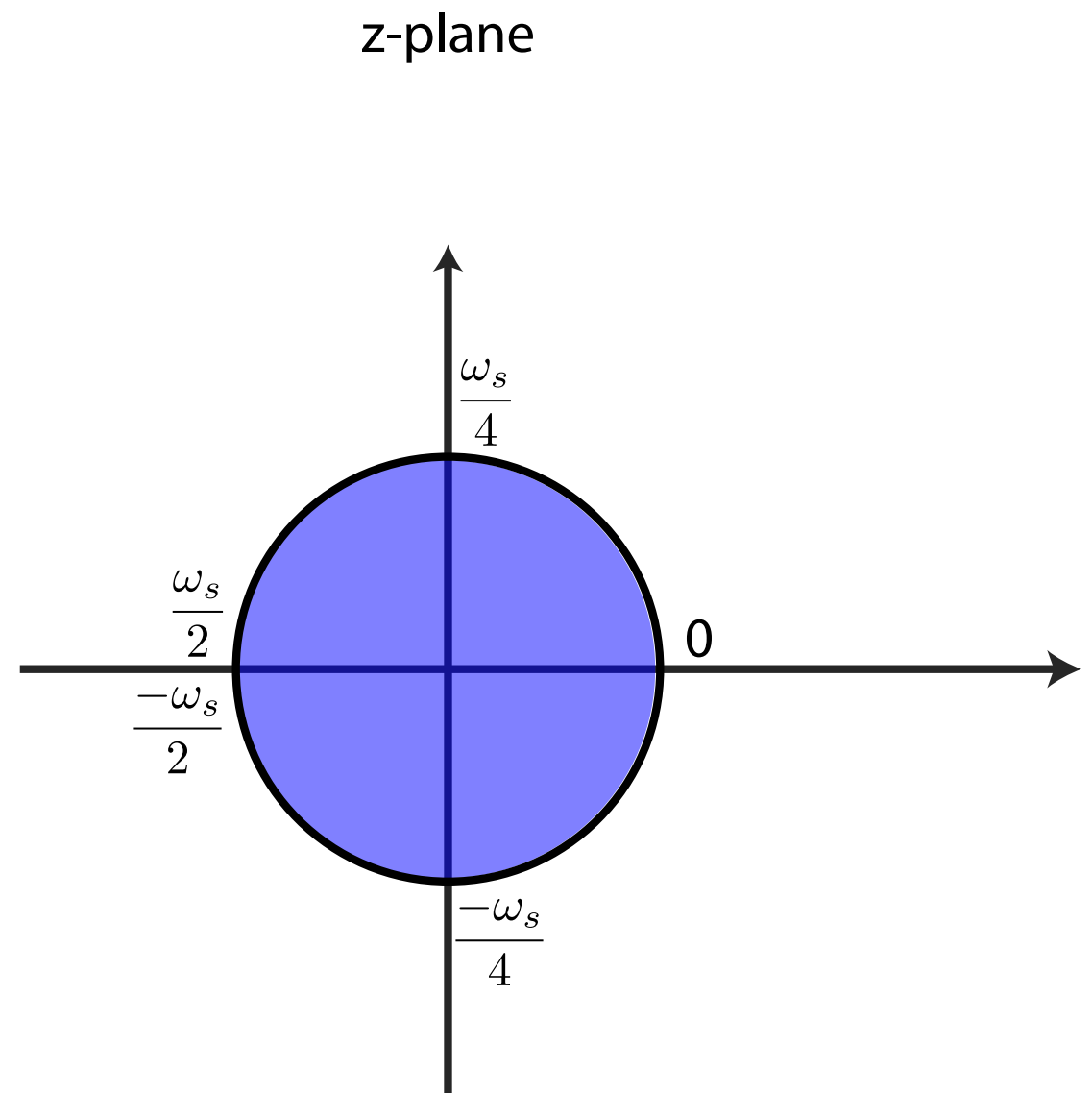
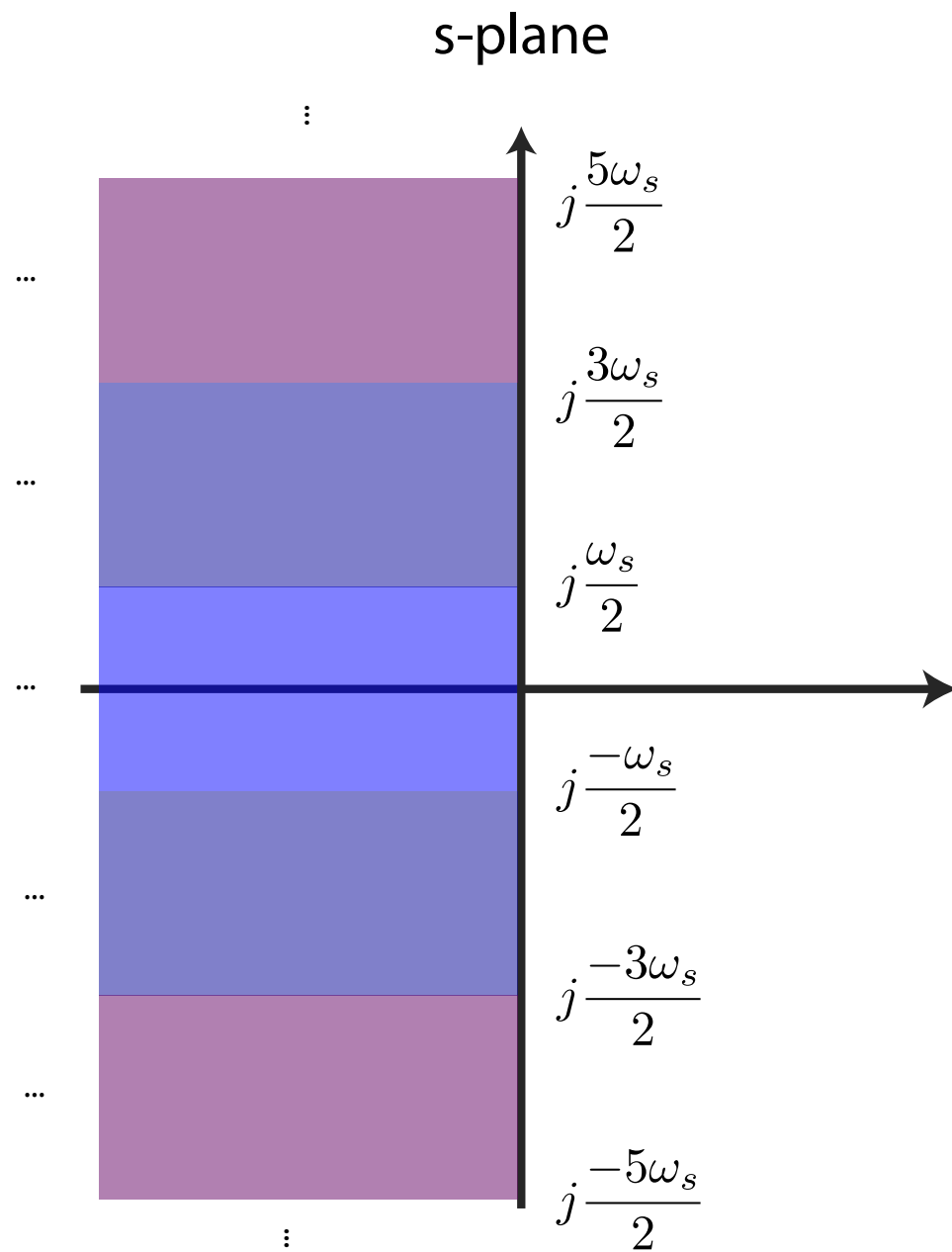
Mapping of open Mapping of open left-half plane

s-plane

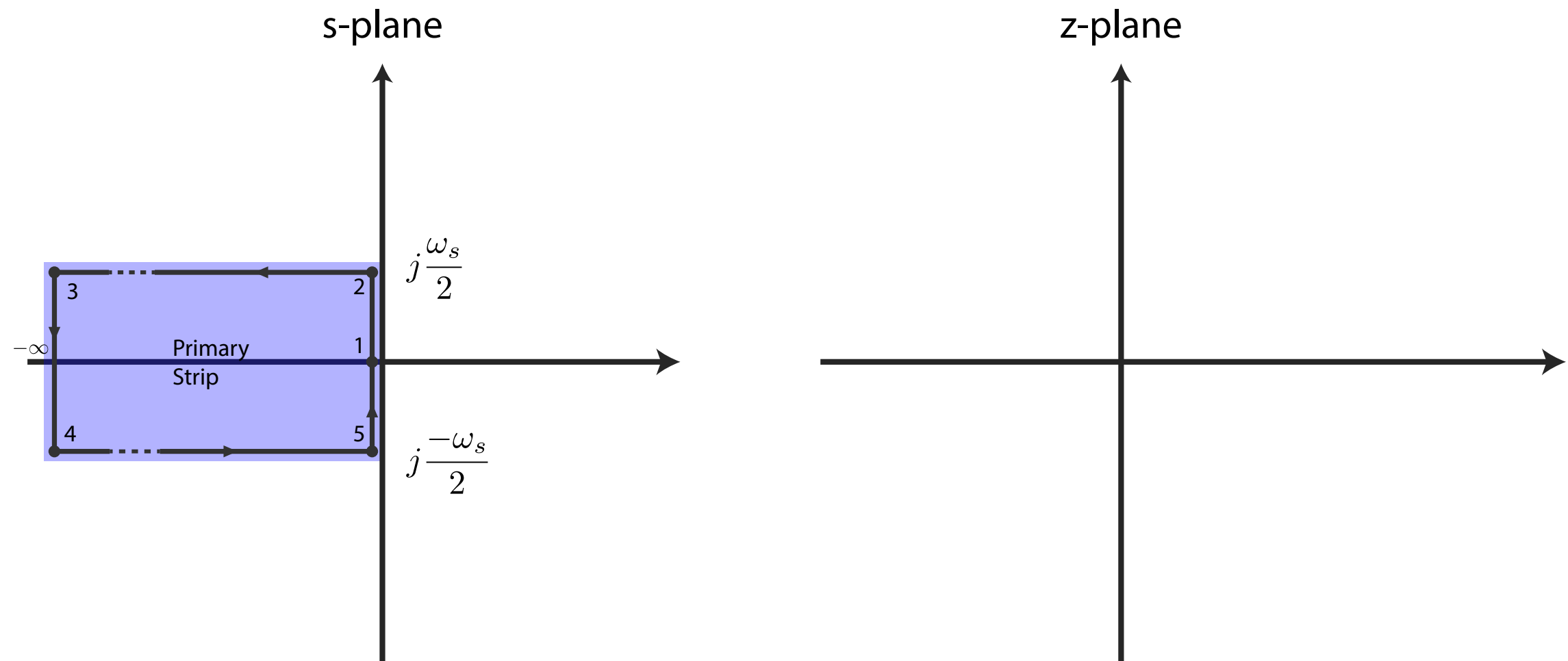
z-plane



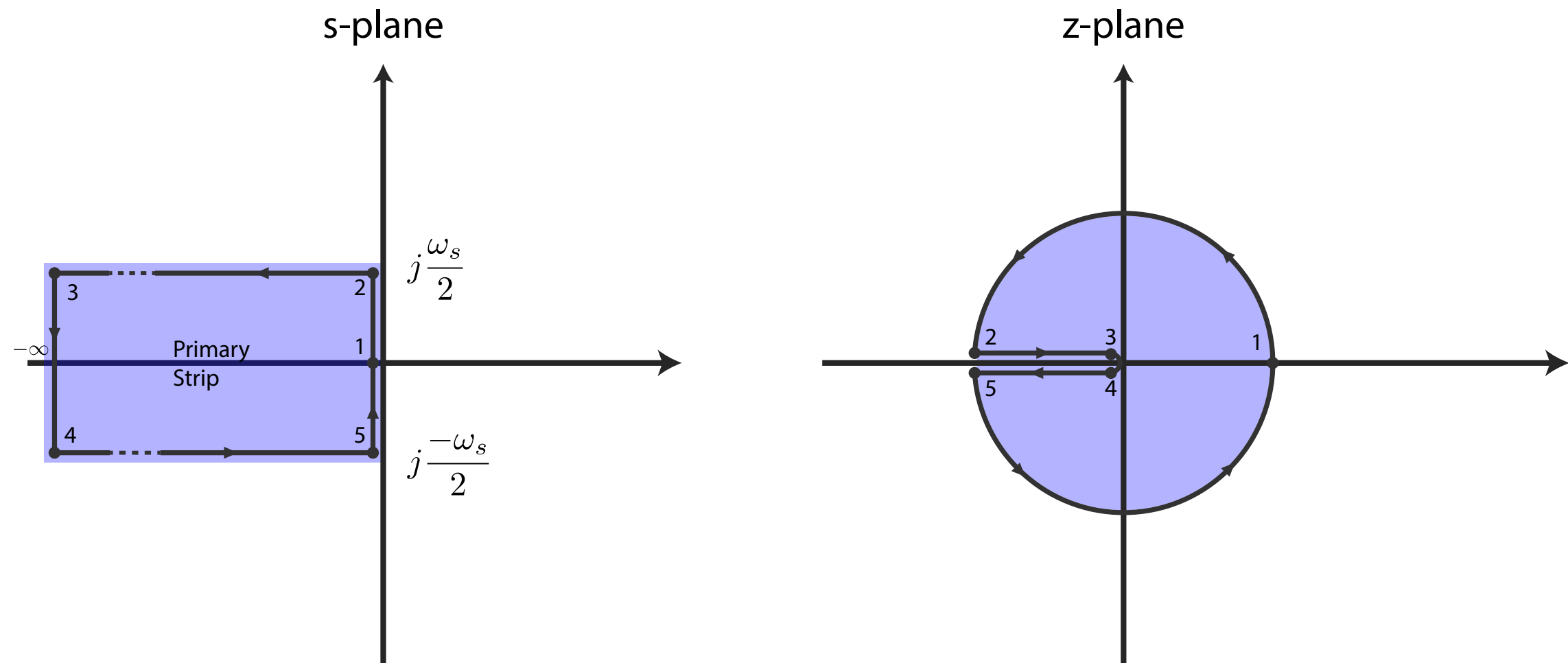
Mapping of open left-half plane



Mapping of the path traced by the points 1-2-3-4-5-1



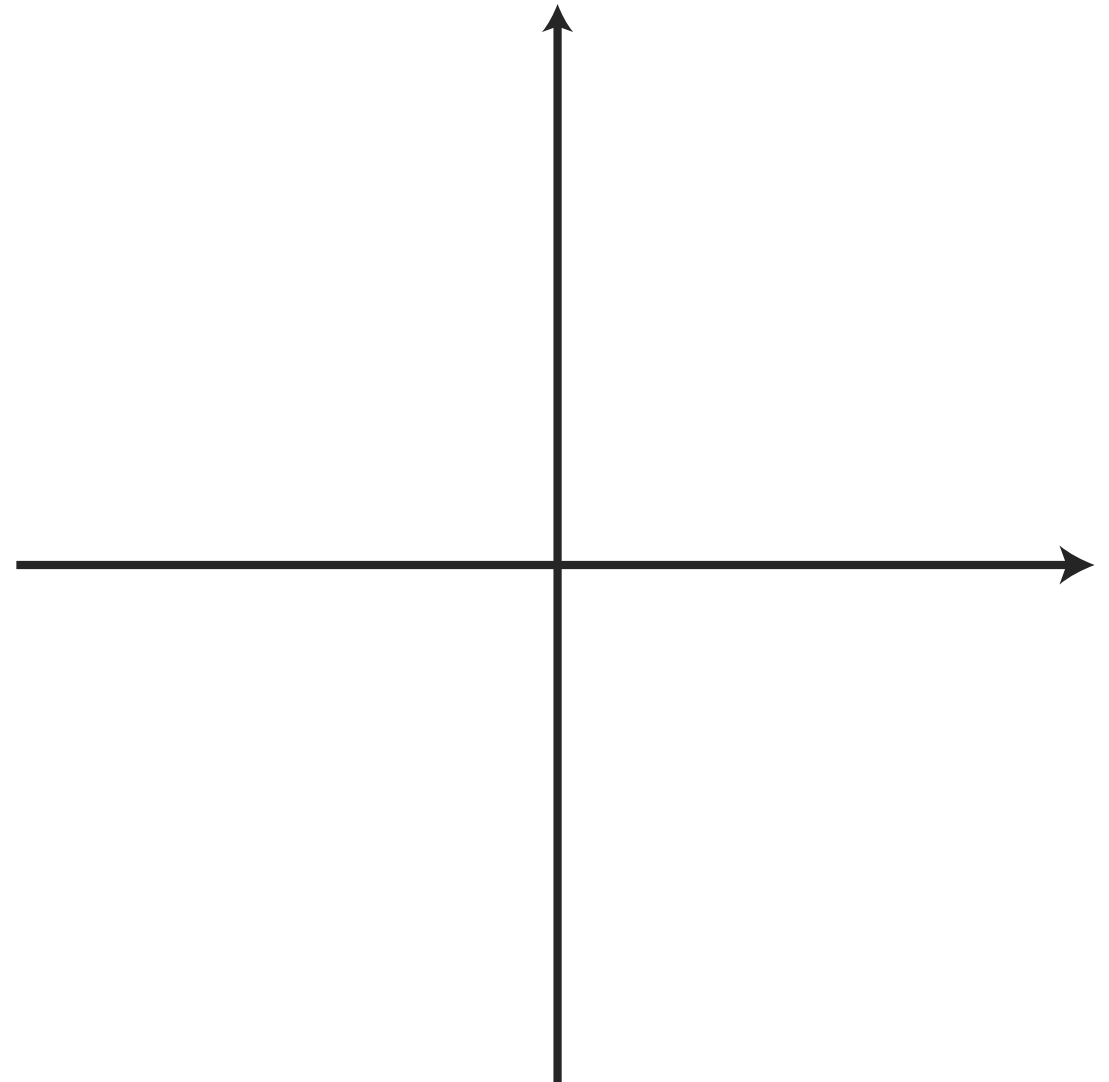
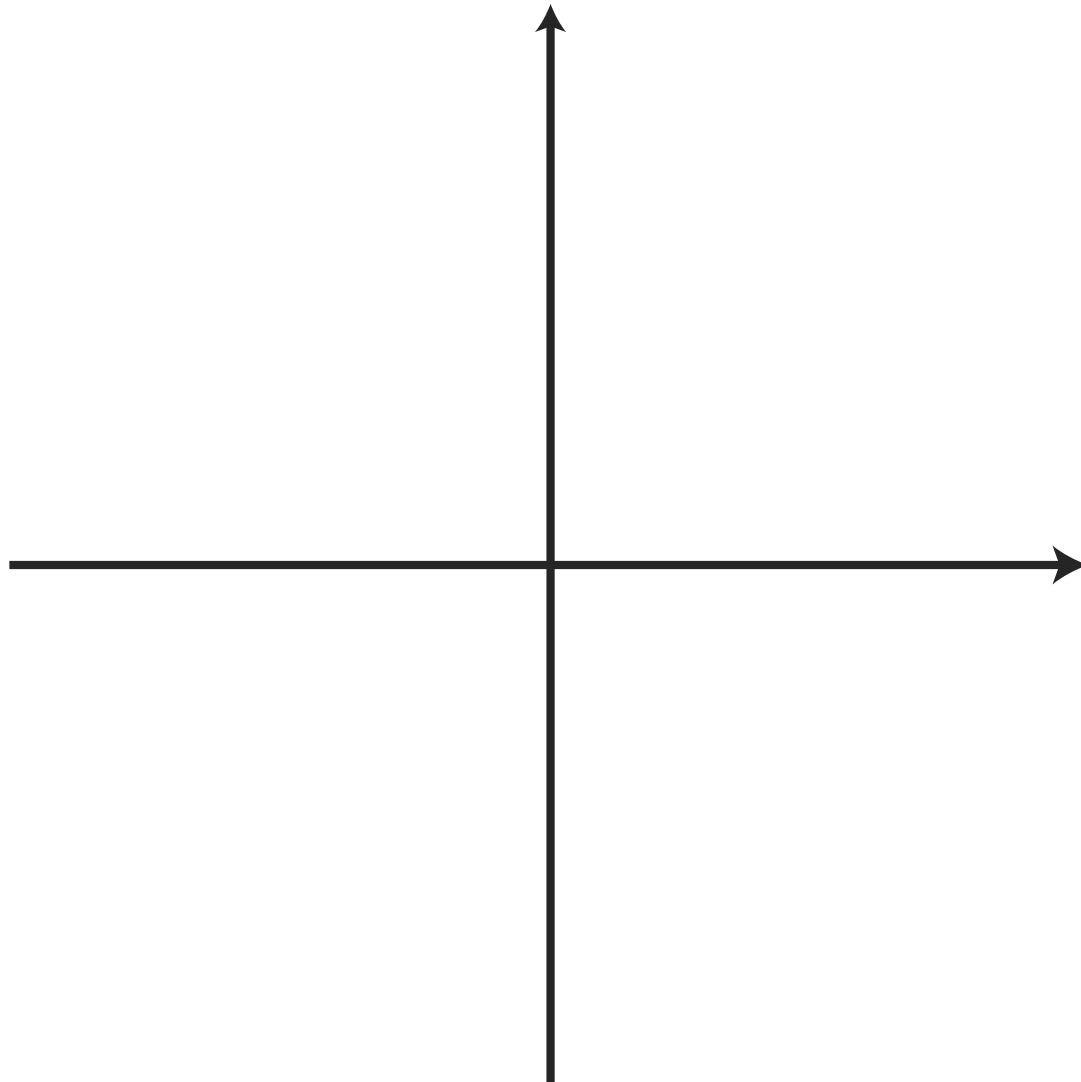
Mapping of the path traced by the points 1-2-3-4-5-1



Mapping of constant attenuation line

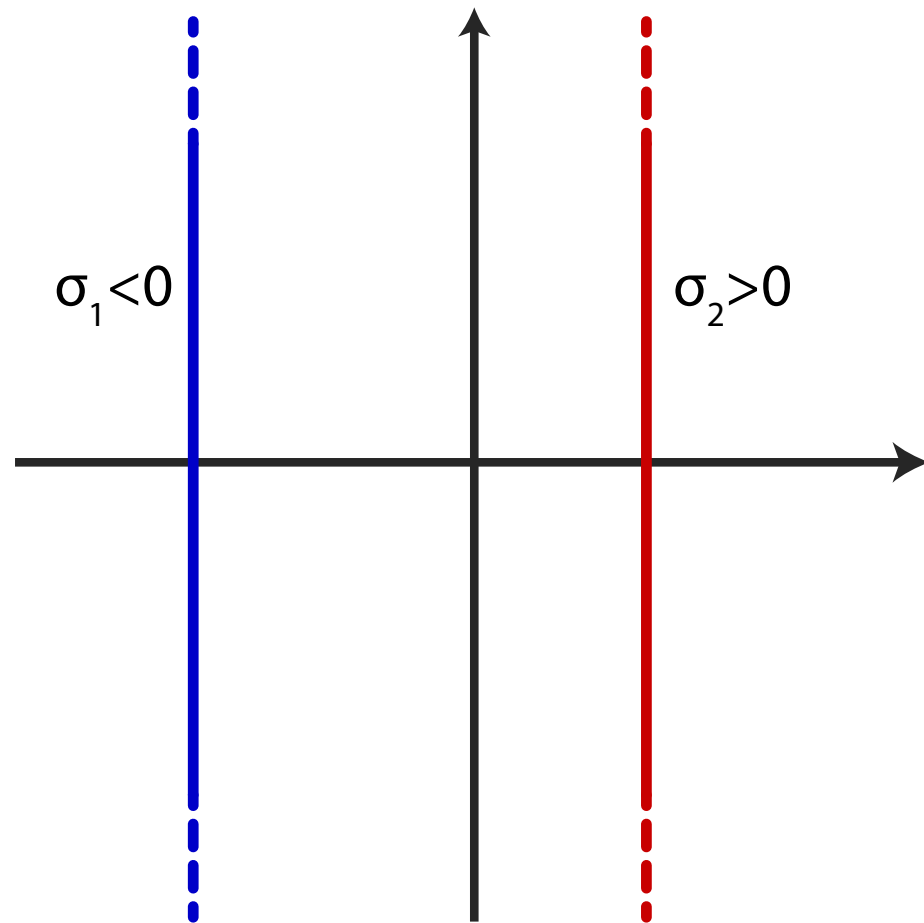
s-plane

z-plane

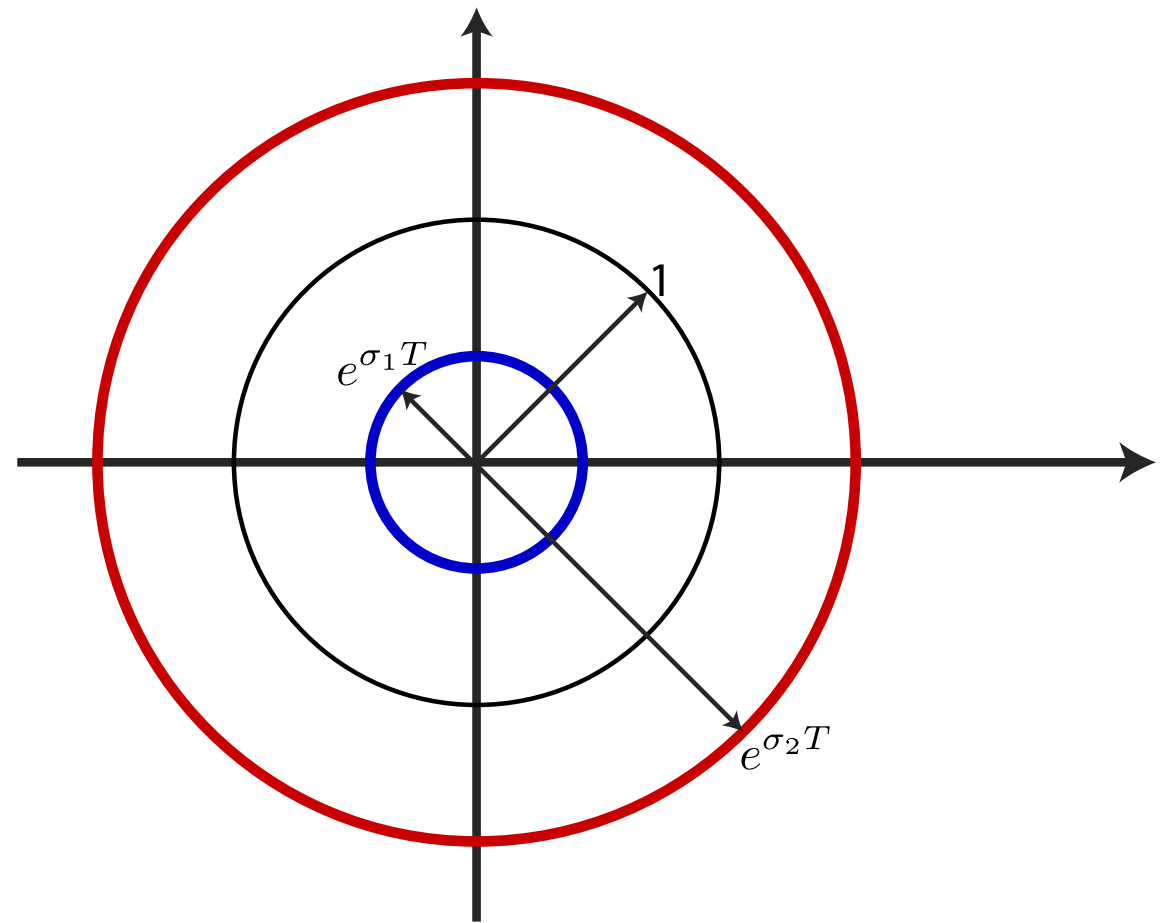


Mapping of constant attenuation line

s-plane



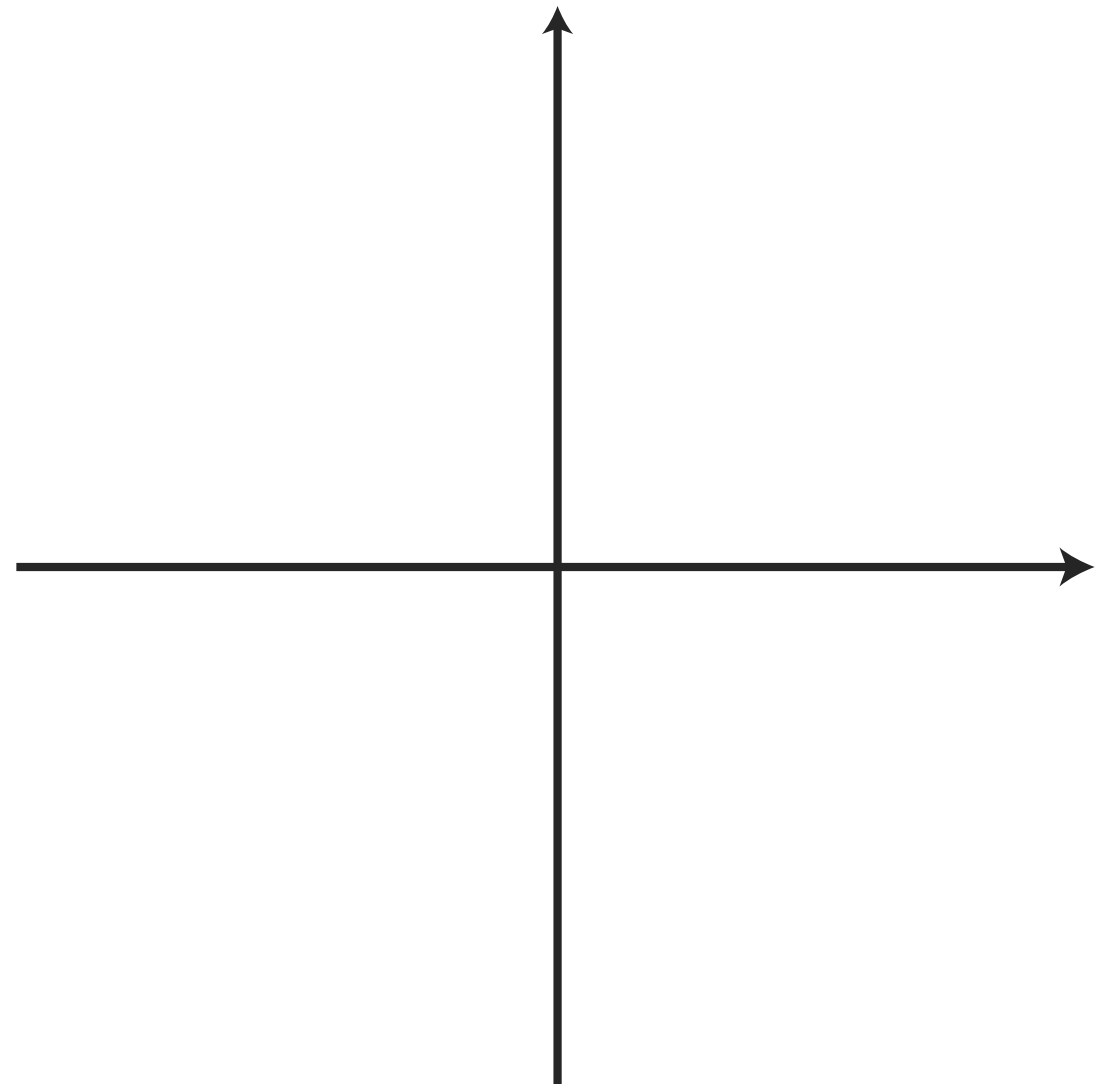
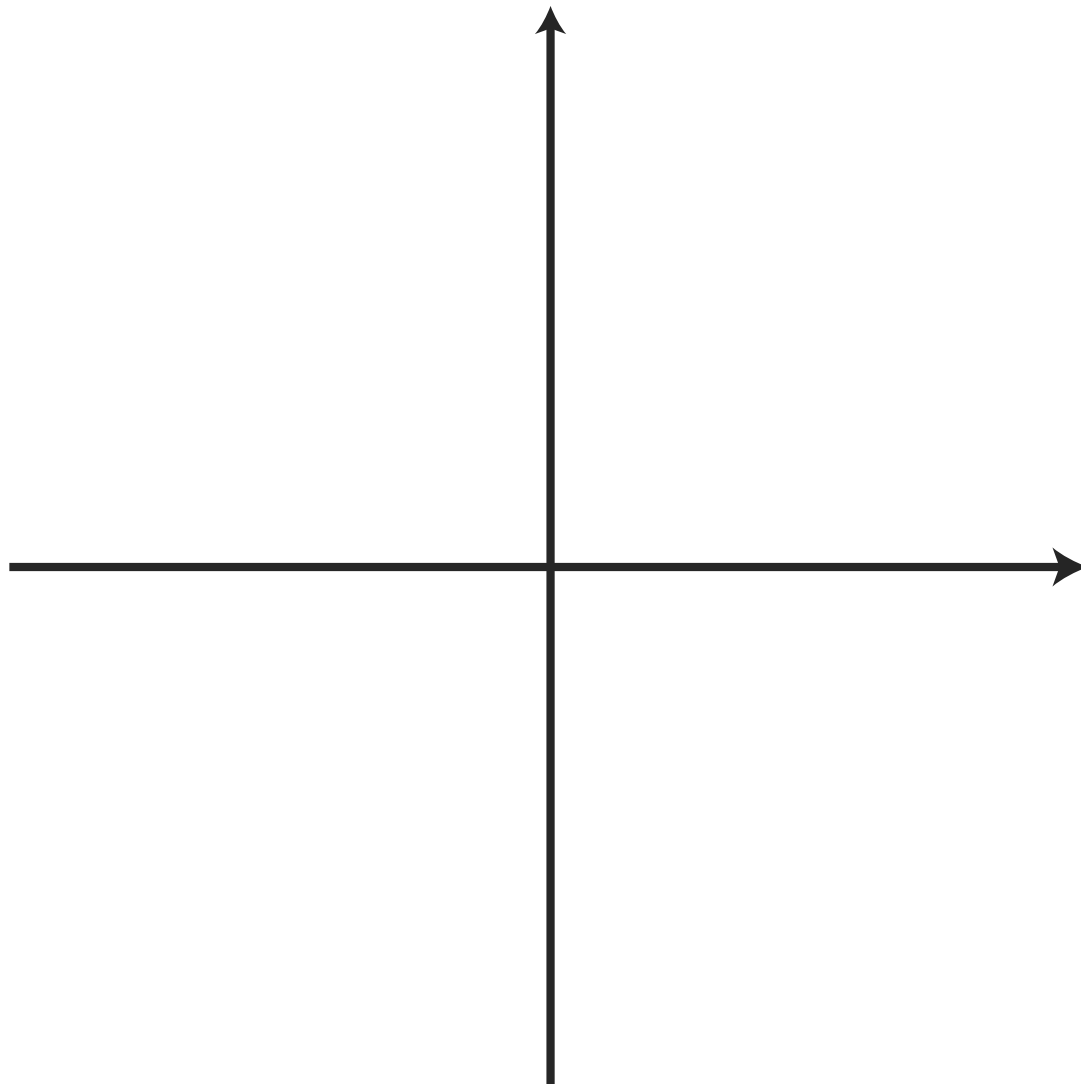
z-plane



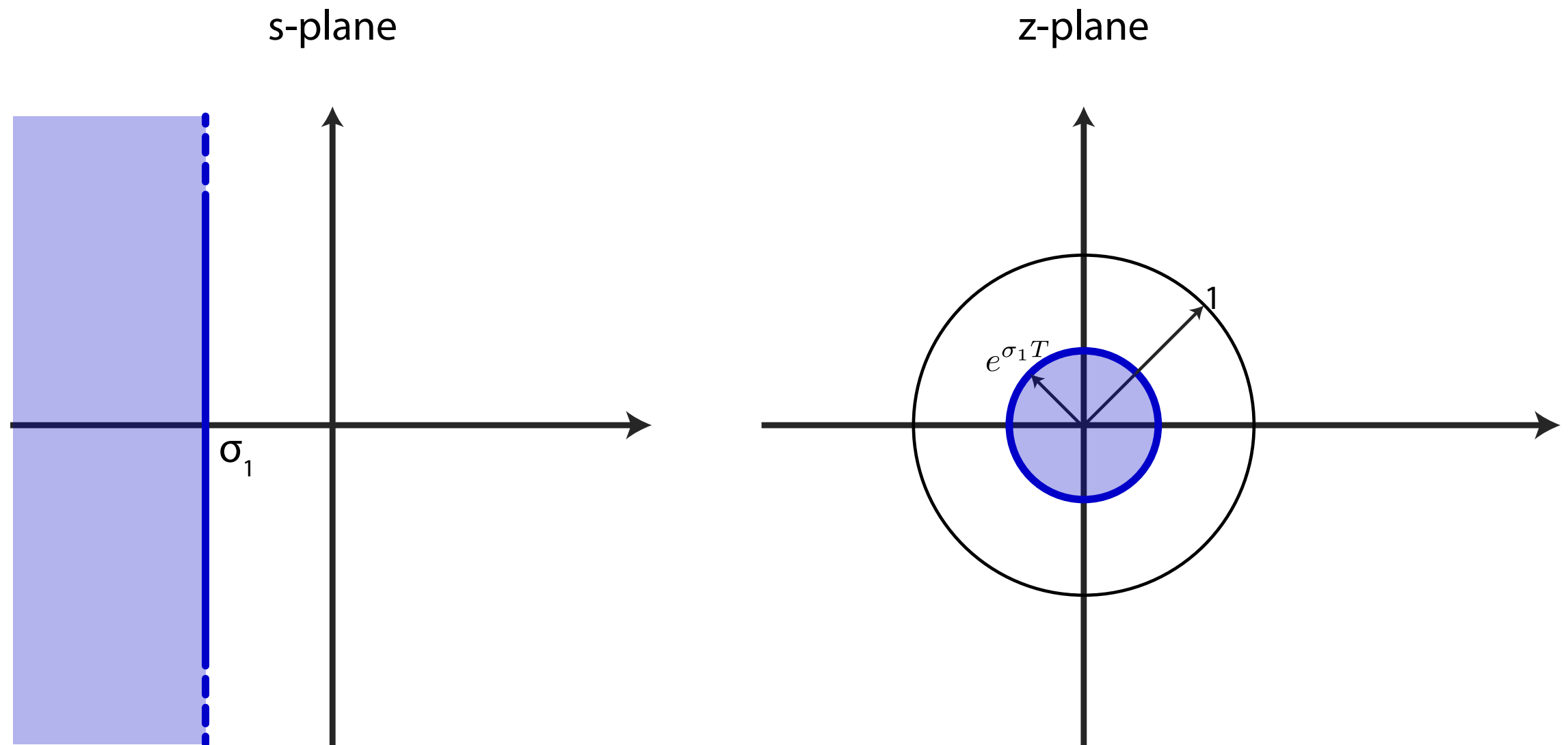
Mapping of maximum settling time region

s-plane

z-plane



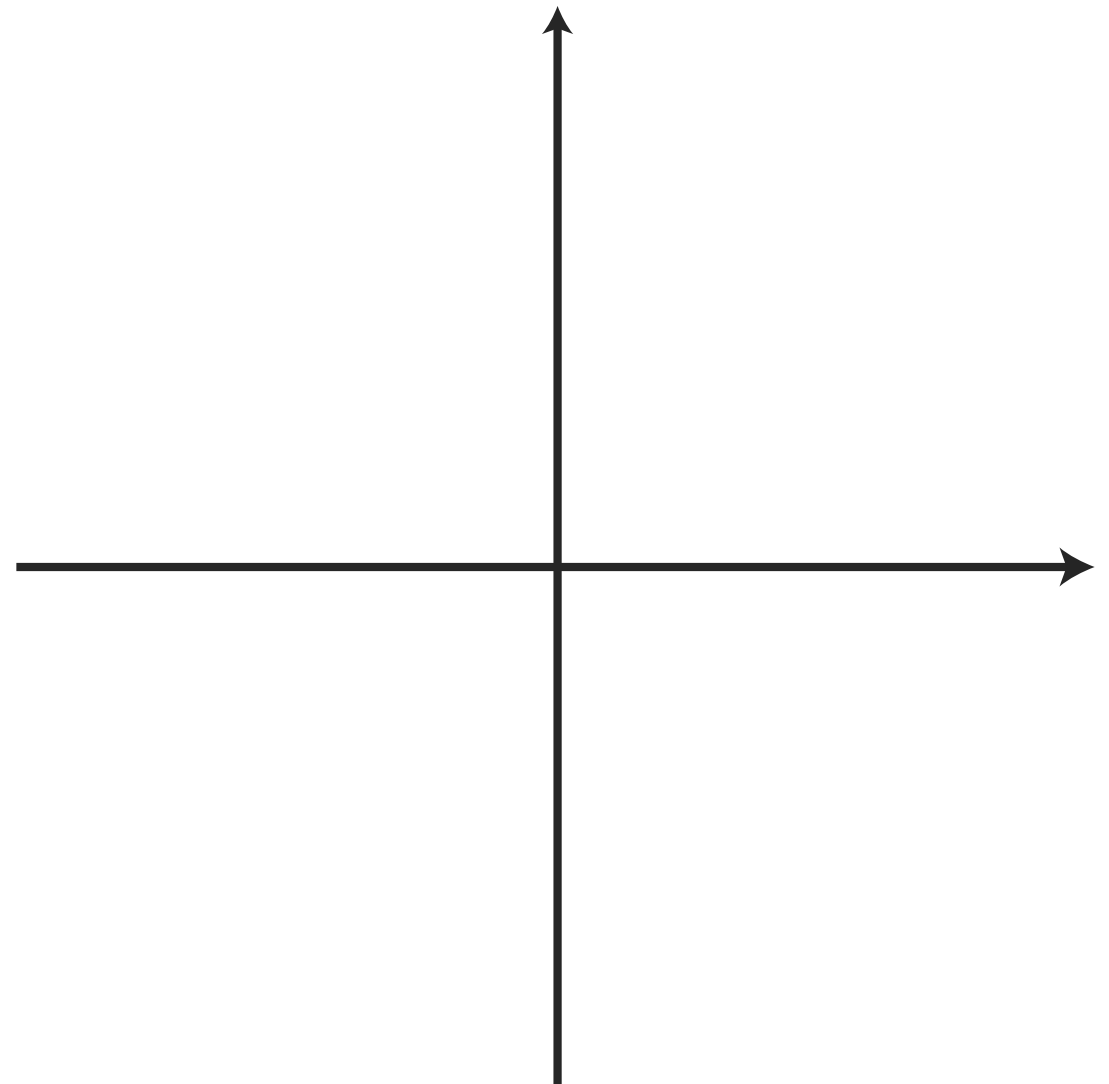
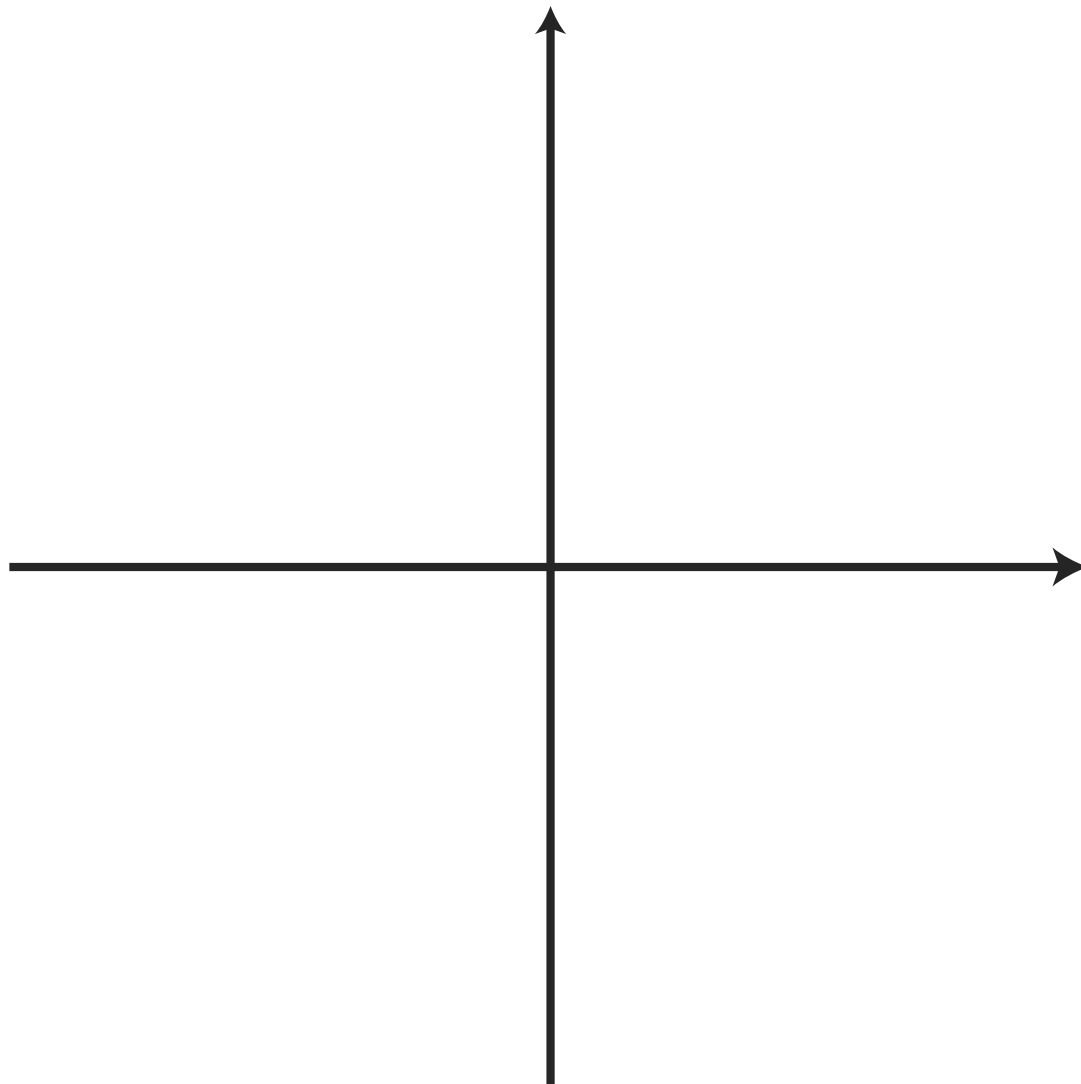
Mapping of maximum settling time region



Mapping of constant frequency loci

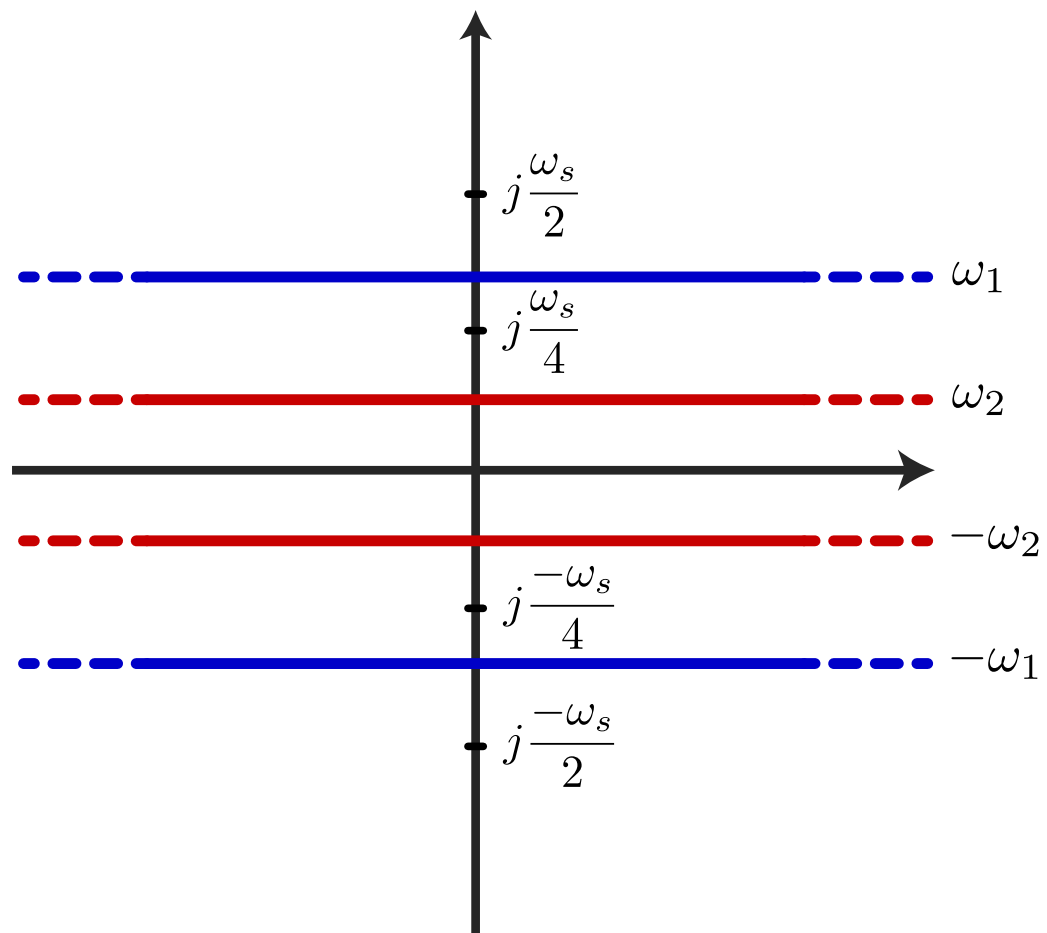
s-plane

z-plane

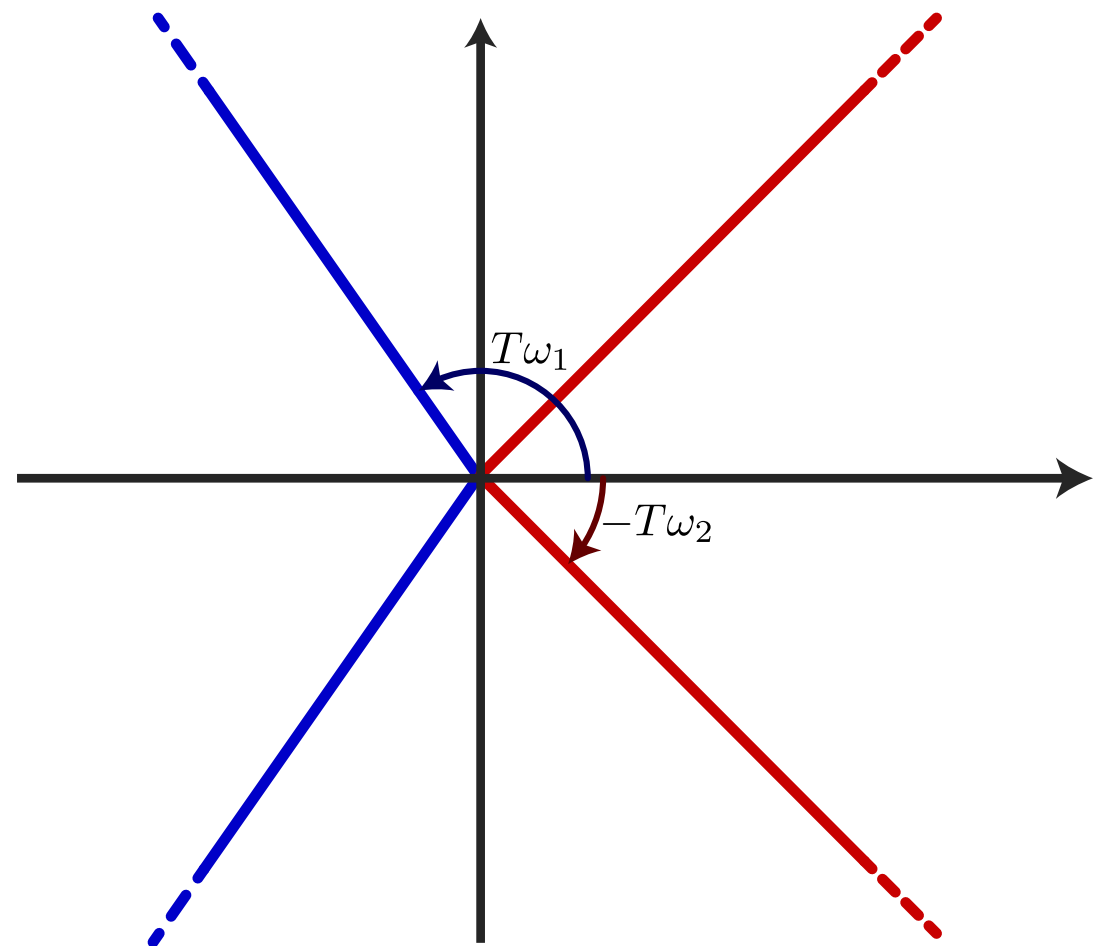


Mapping of constant frequency loci

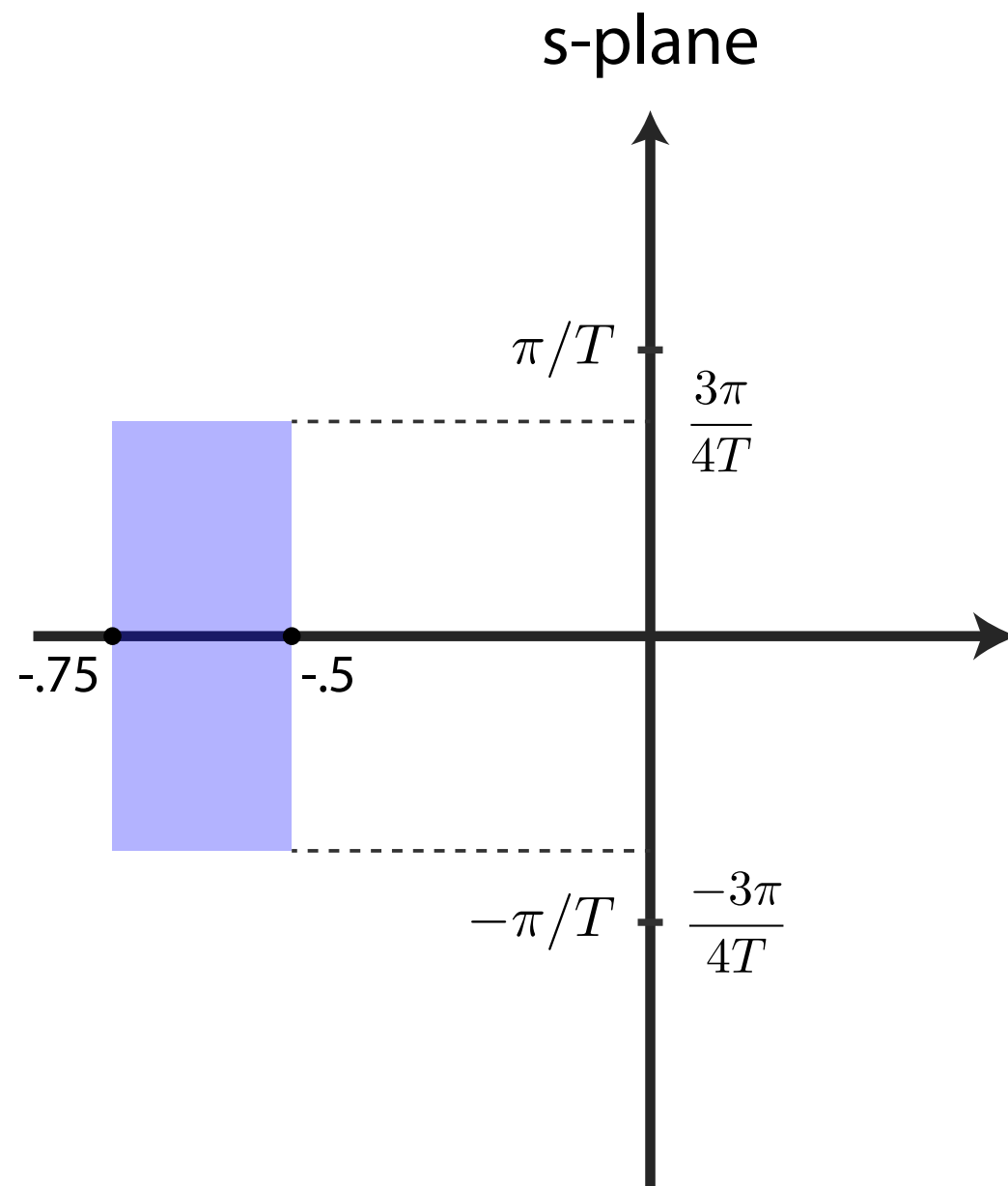
s-plane



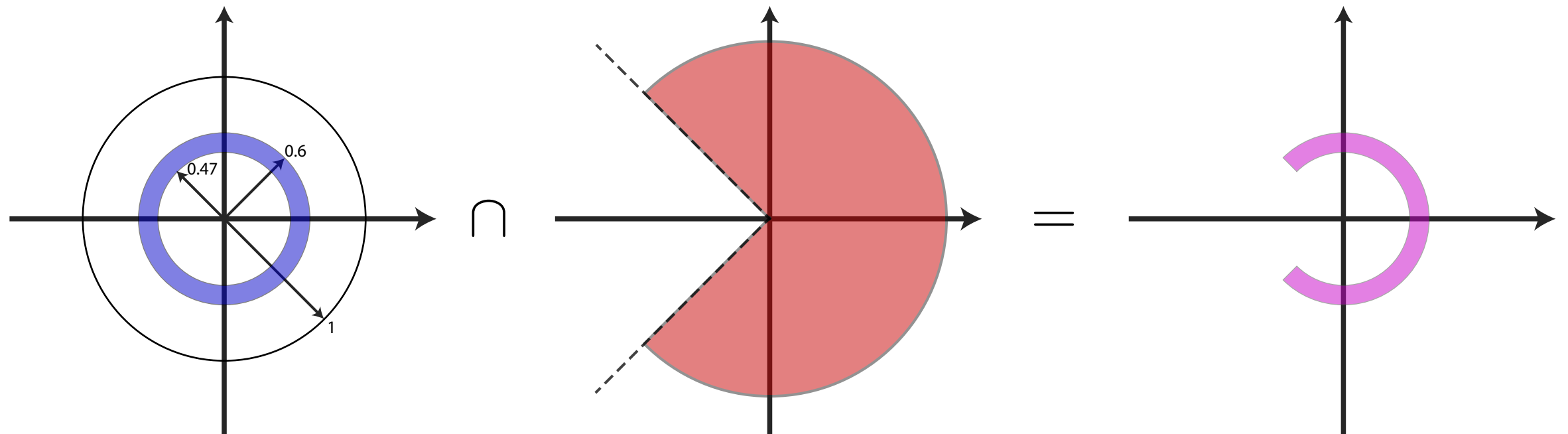
z-plane



Example

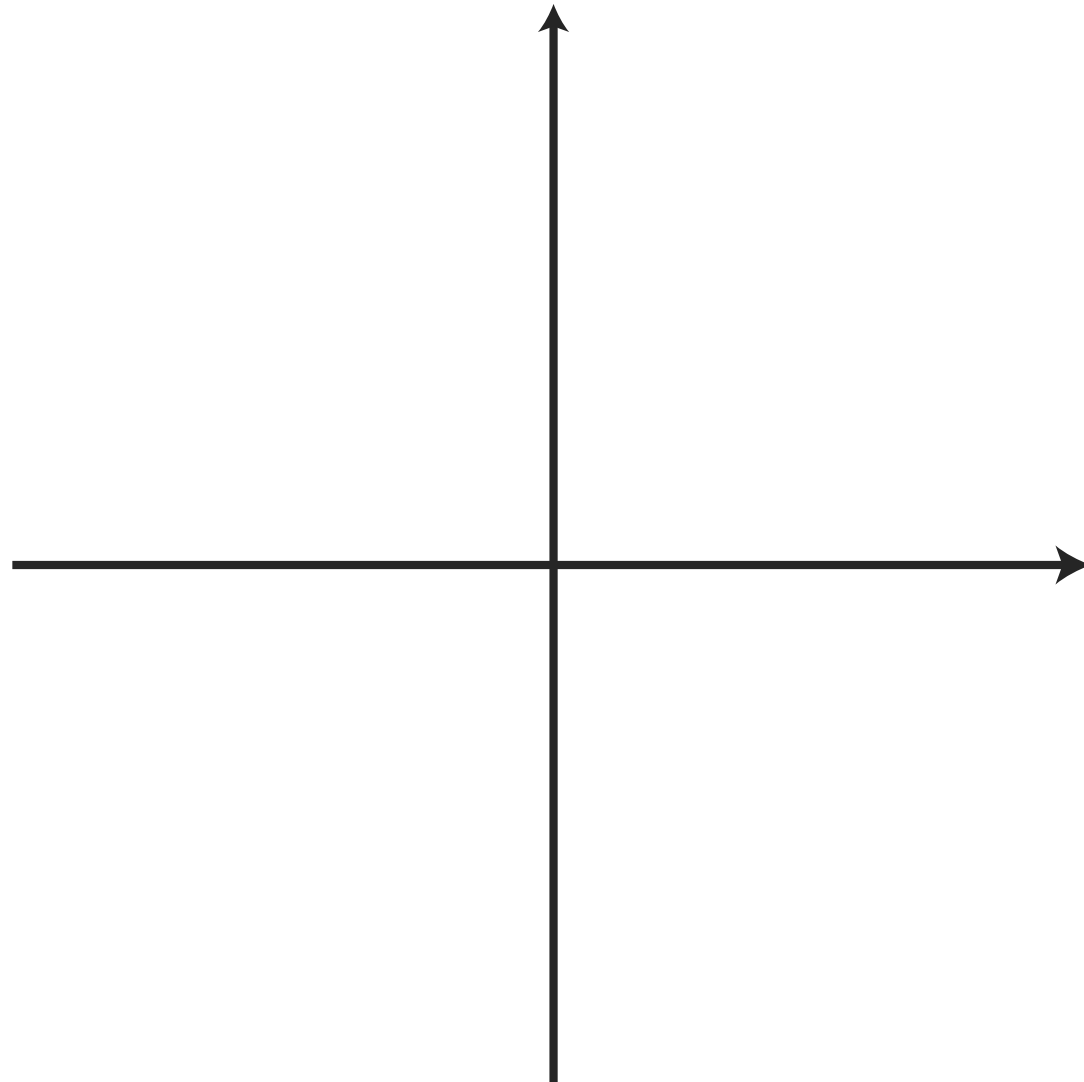


Example

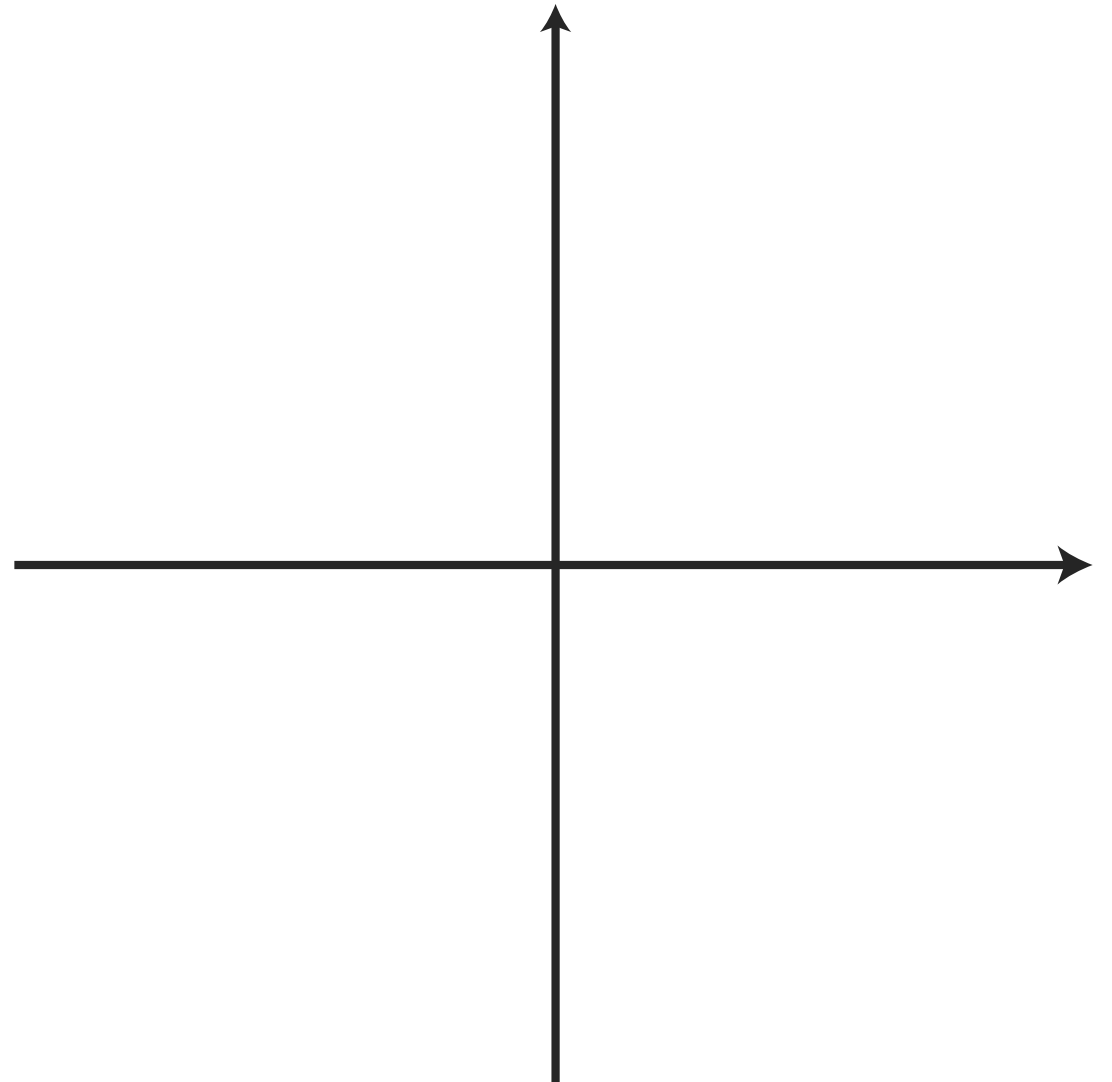


Mapping of constant damping loci

s-plane

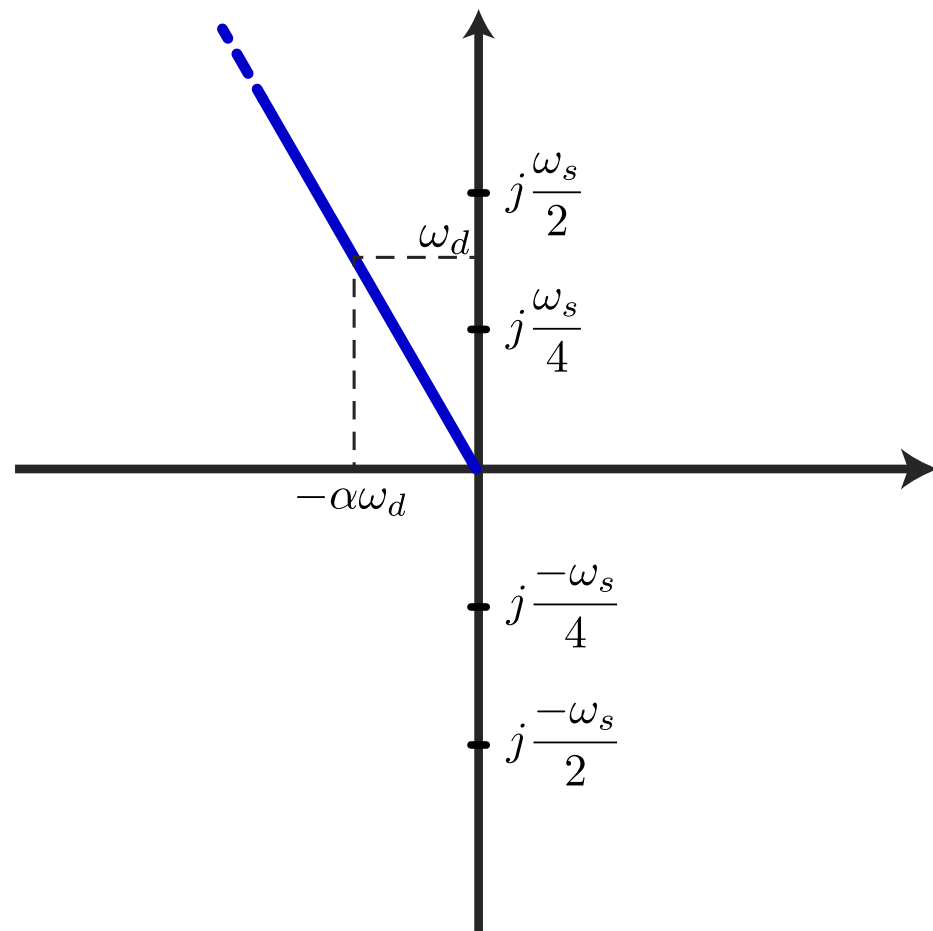


z-plane

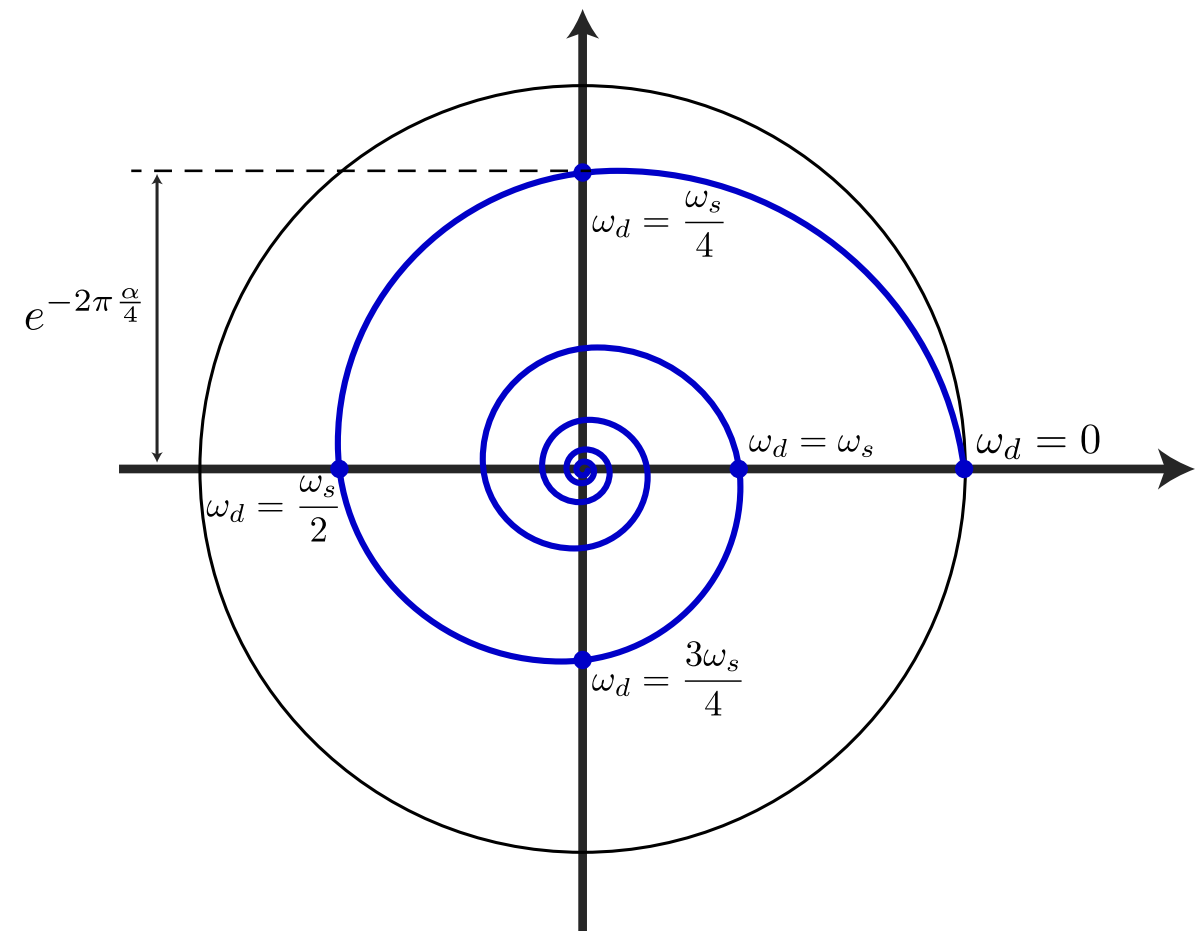


Mapping of constant damping loci

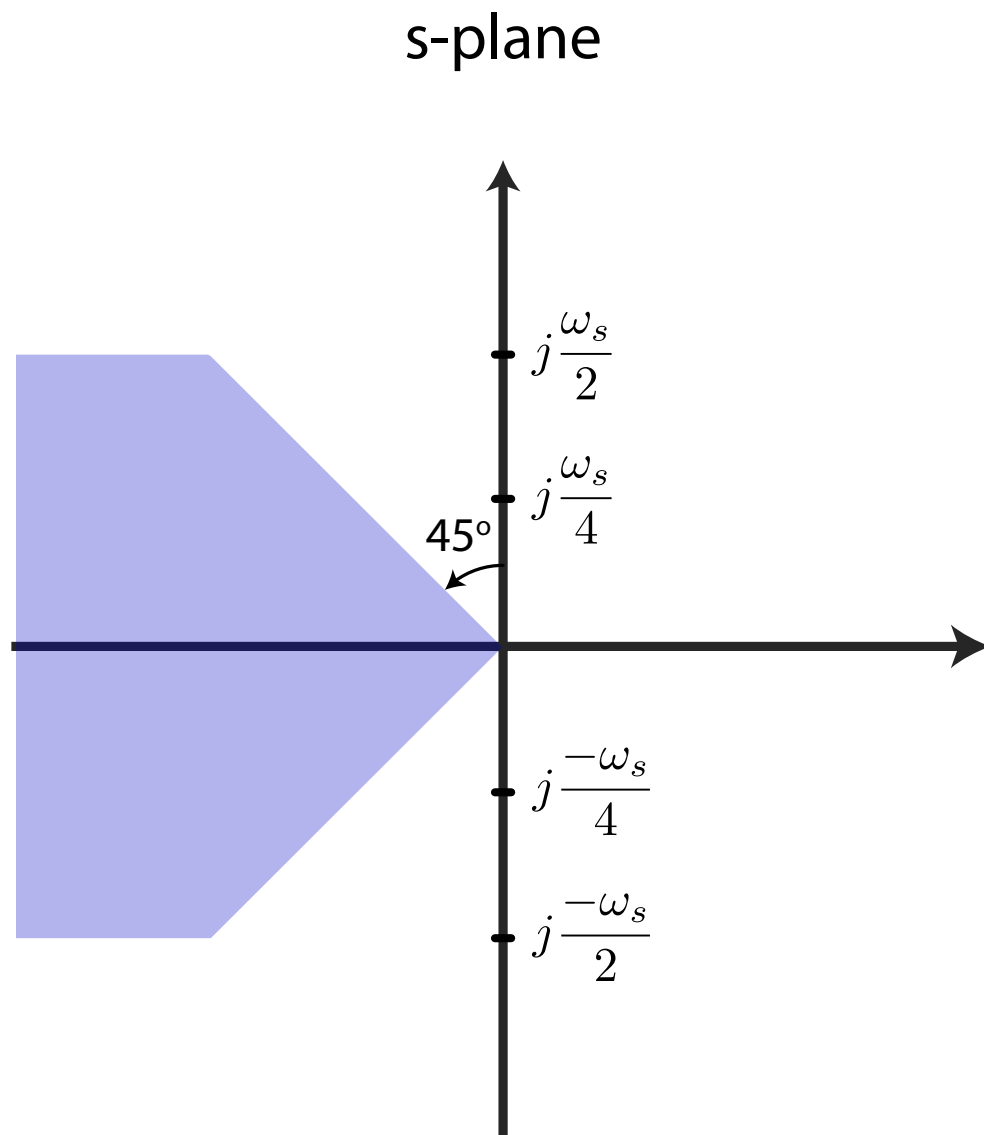
s-plane



z-plane

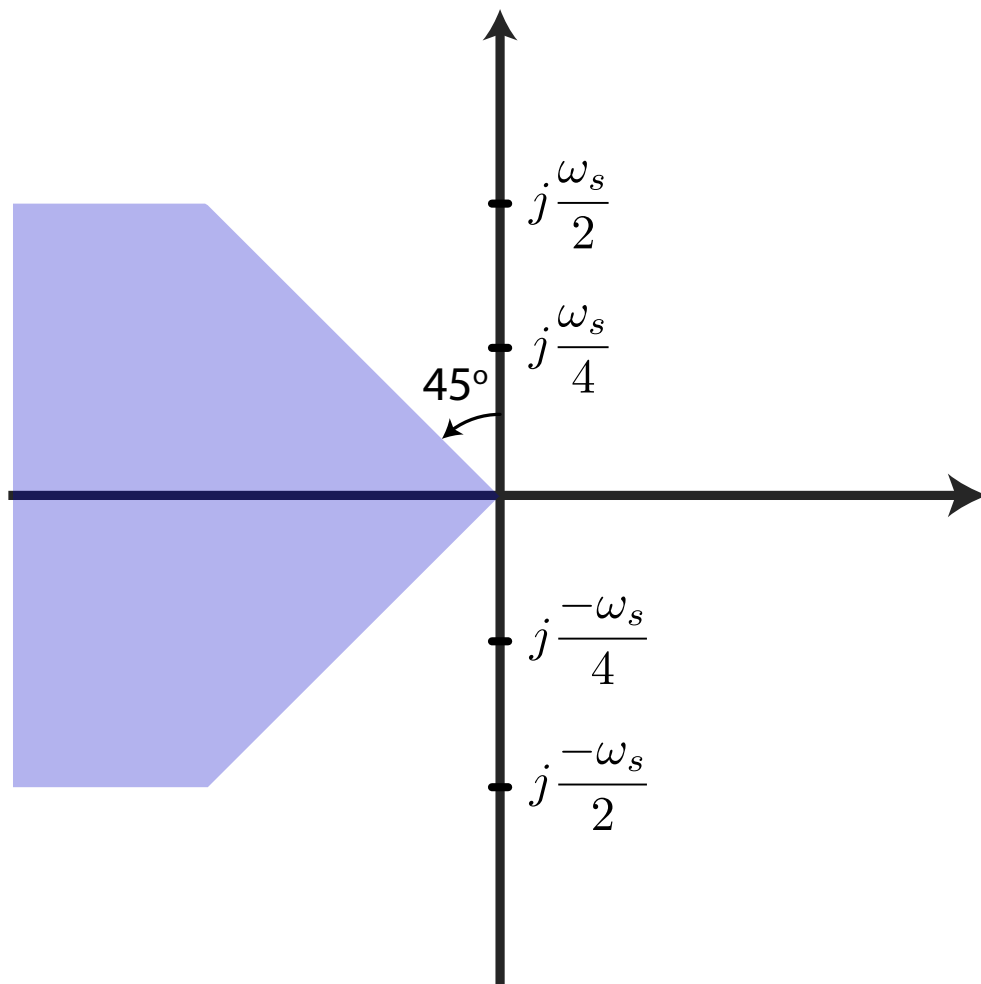


Example

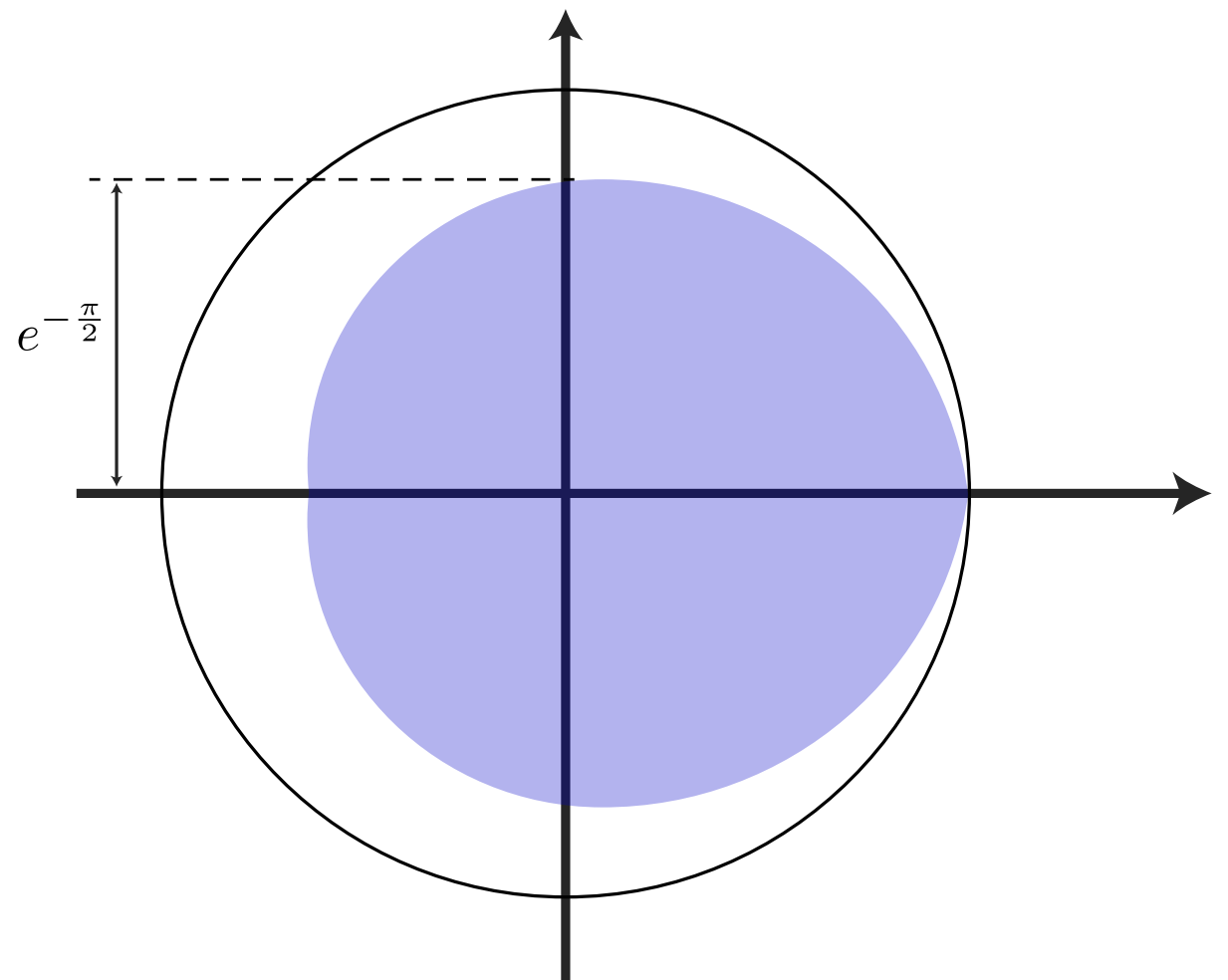


Example

s-plane



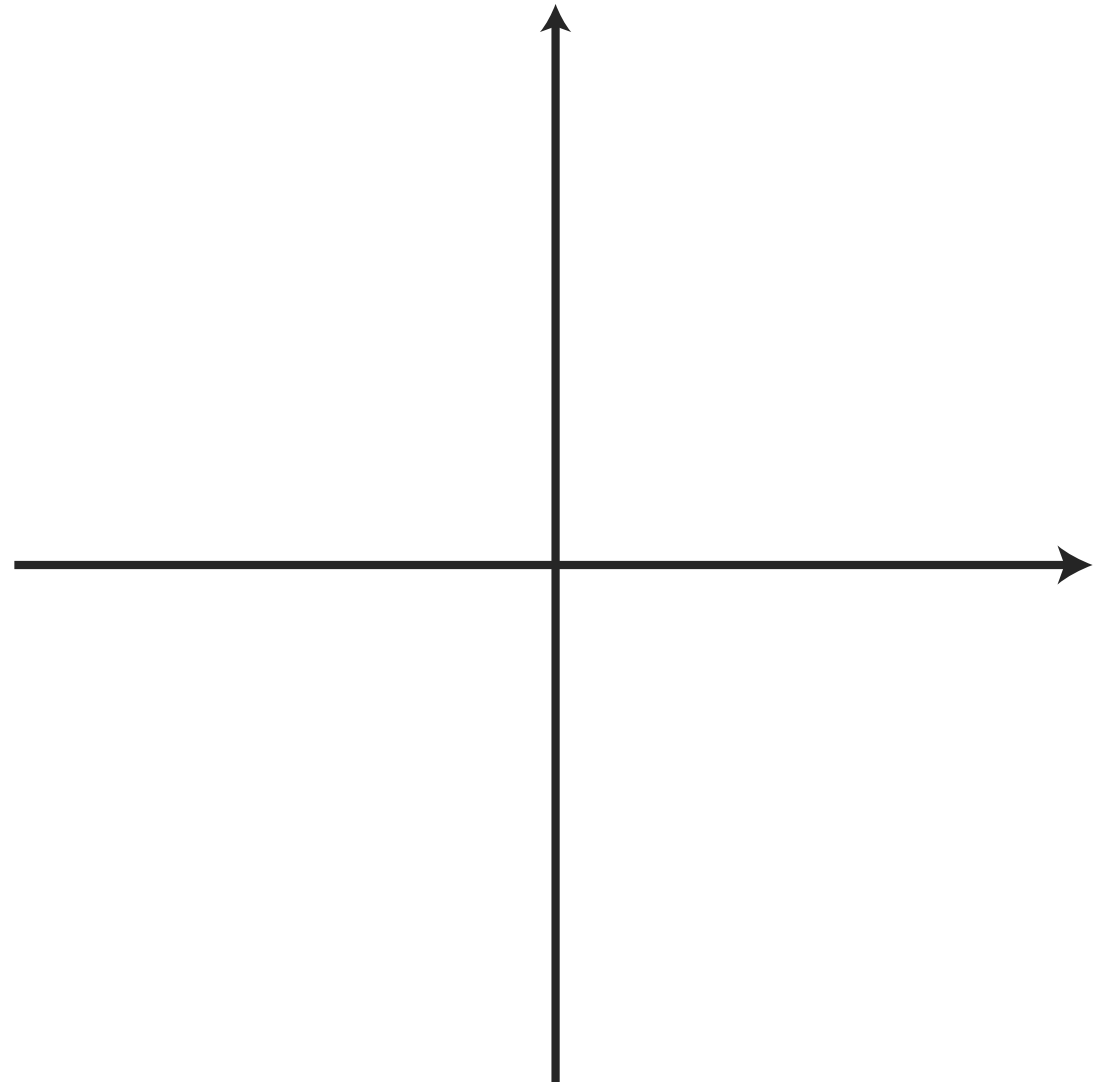
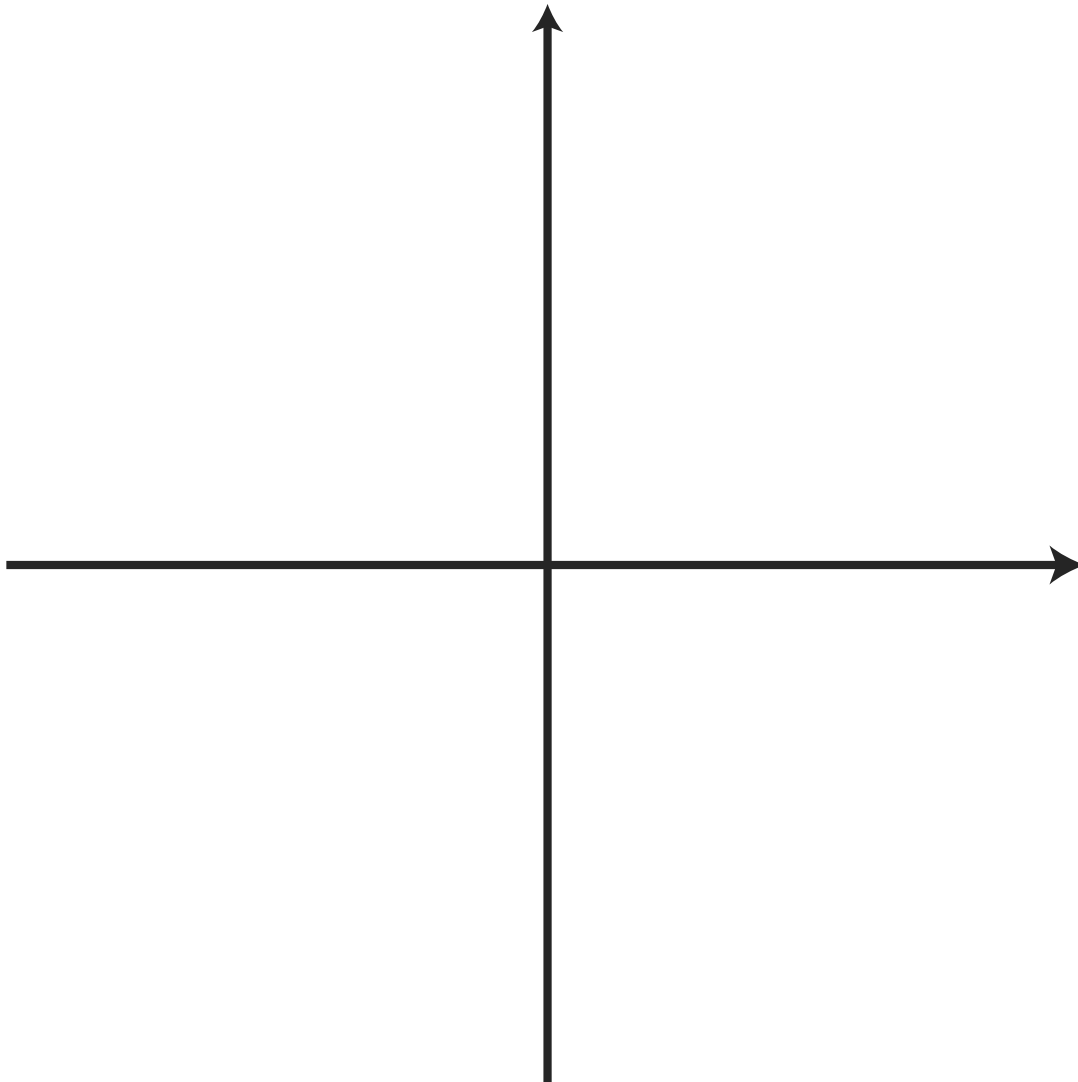
z-plane



Bilinear Transformation

s-plane

z-plane



Bilinear Transformation

