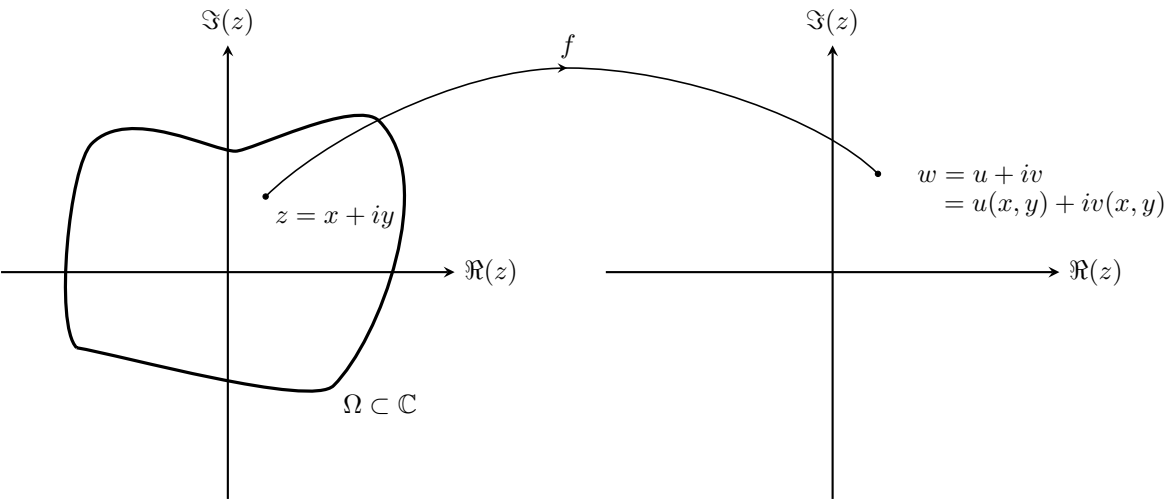
$\Im(z)$
f
$\Im(z)$
$w = u + iv$
$= u(x, y) + iv(x, y)$
$z = x + iy$
$\Re(z)$
$\Re(z)$
$\Omega \subset \mathbb{C}$