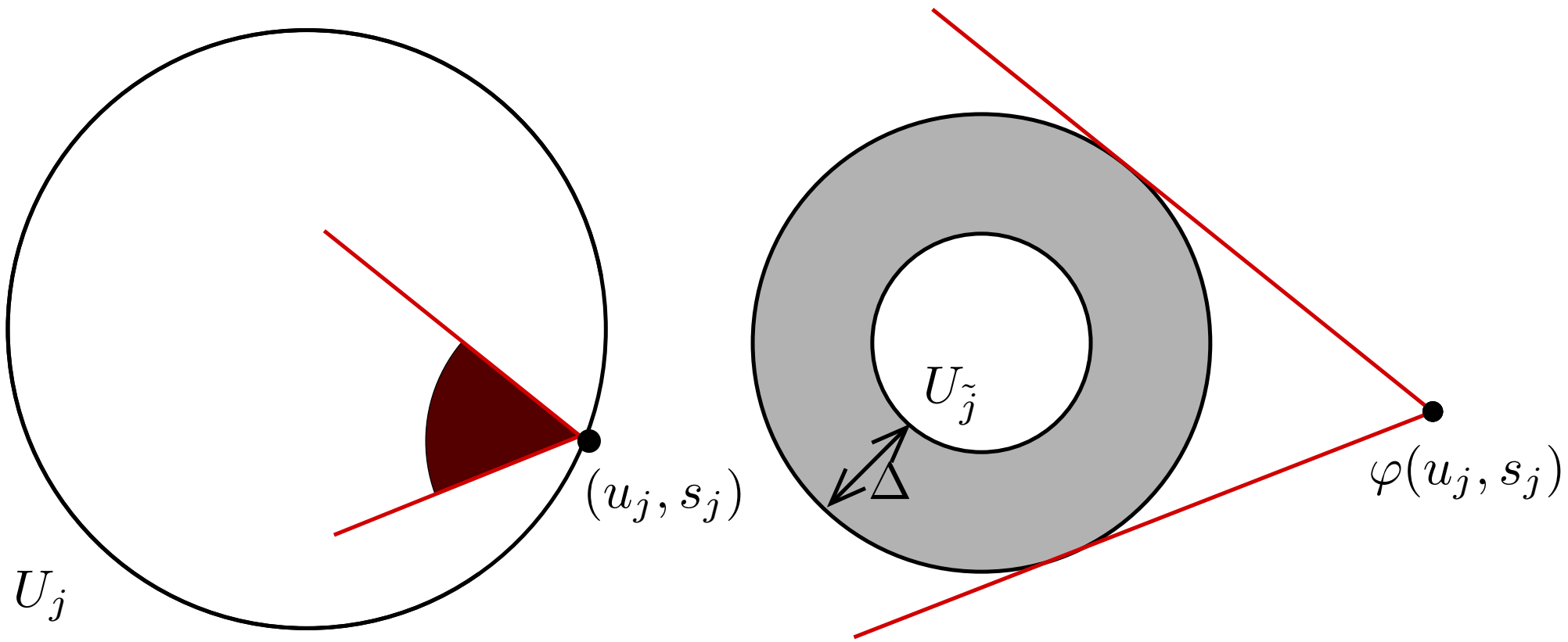
U_j
(u_j, s_j)
$U_{\tilde{j}}$
$\varphi(u_j, s_j)$