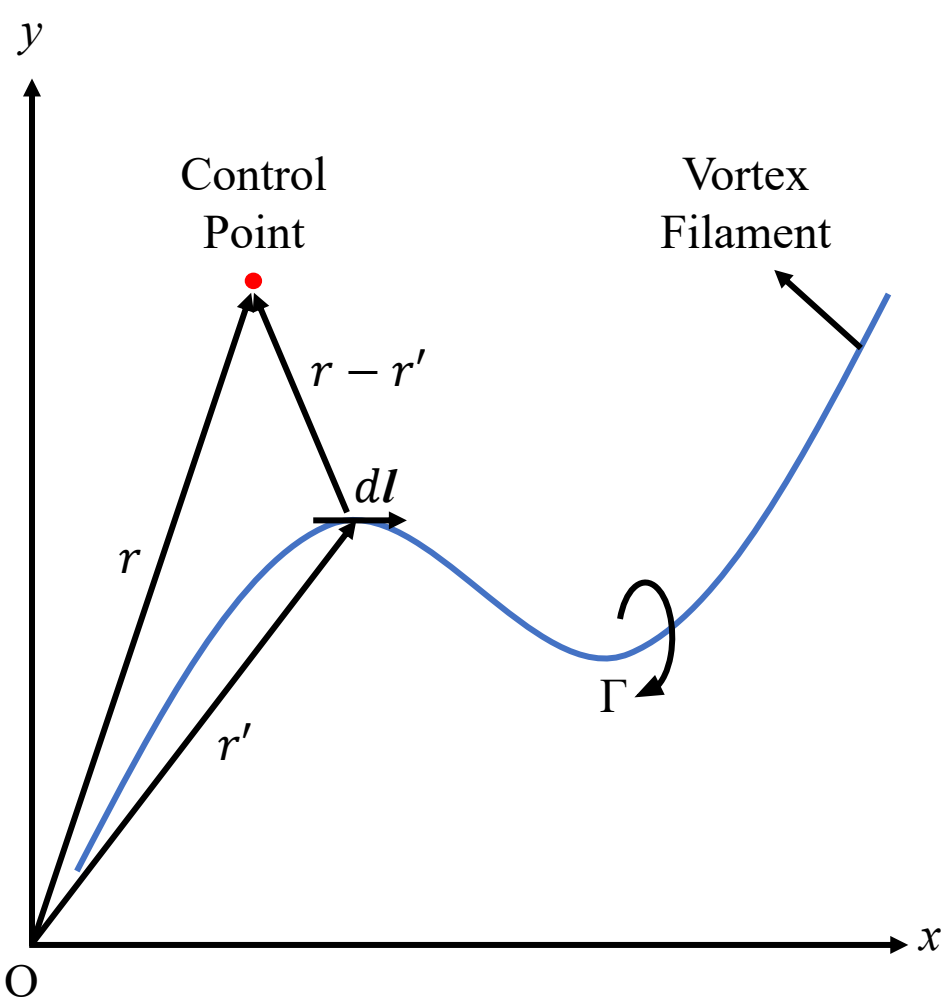
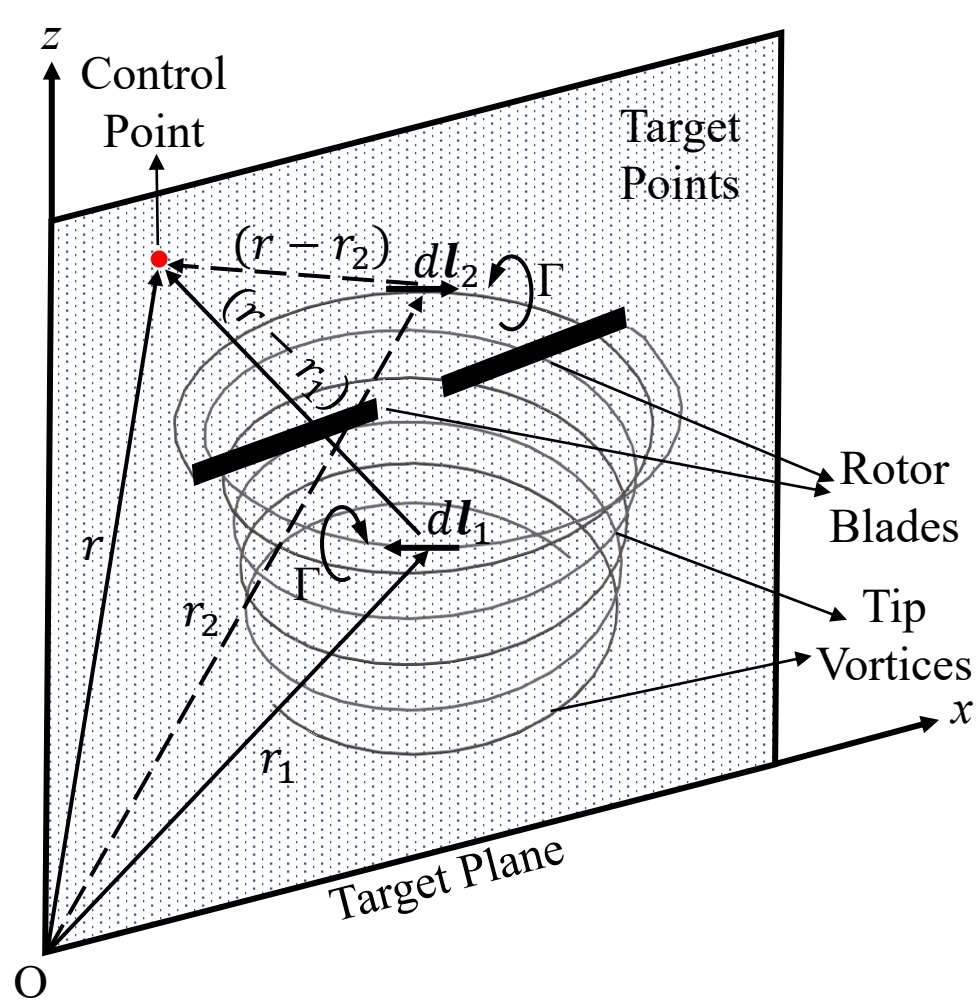

y
Control
Point
Vortex
Filament
$r - r'$
dl
r
r'
Γ
O
x

(a)


z
Control
Point
Target
Points
$(r - r_2)$
dl_2
Γ
$(r - r_1)$
Rotor
Blades
dl_1
r
Γ
Tip
Vortices
r_2
x
r_1
Target Plane
O

(b)