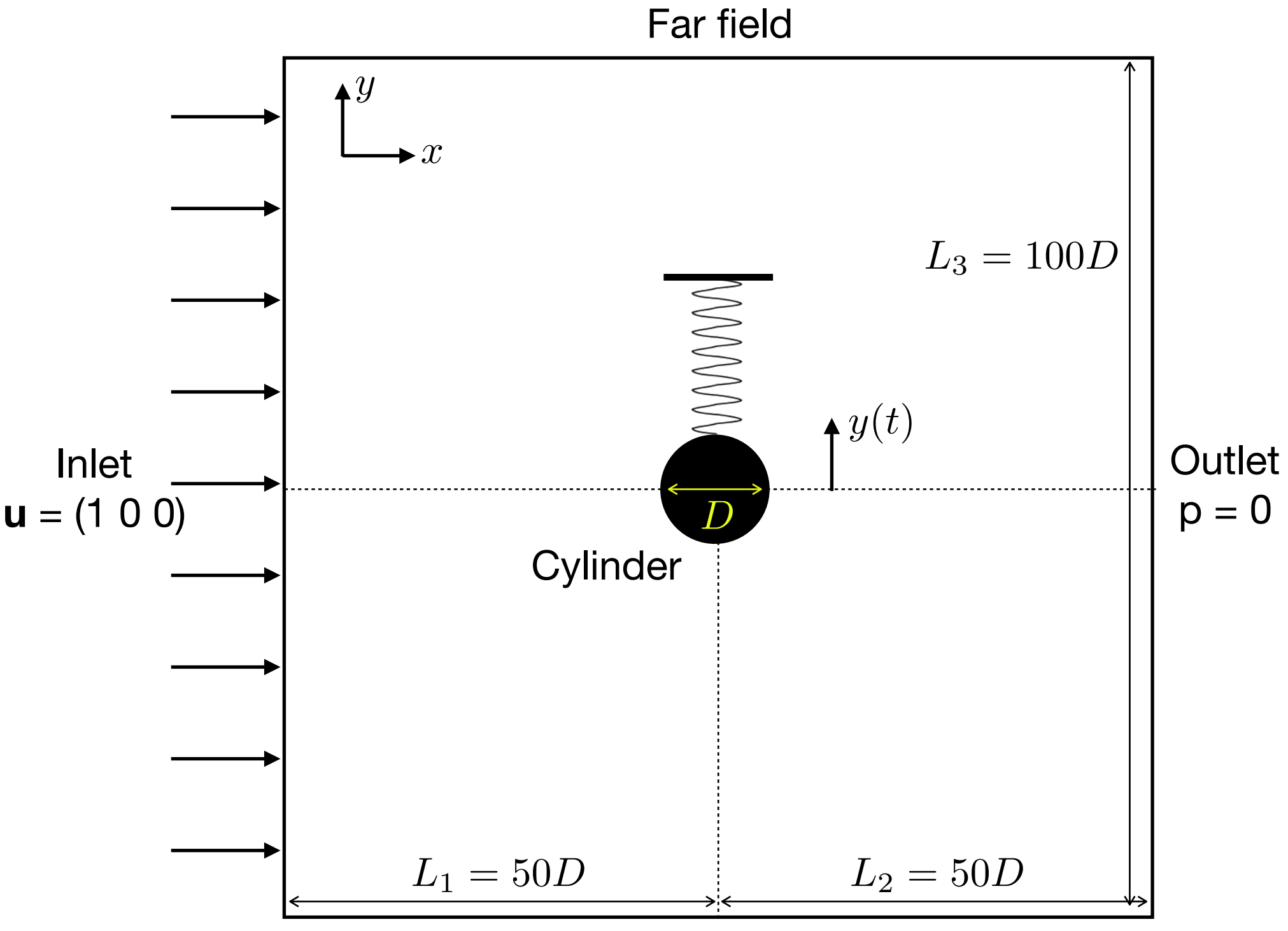
Far field
y
x
$L_3 = 100D$
$y(t)$
Inlet
u = (1 0 0)
Outlet
p = 0
D
Cylinder
$L_1 = 50D$
$L_2 = 50D$