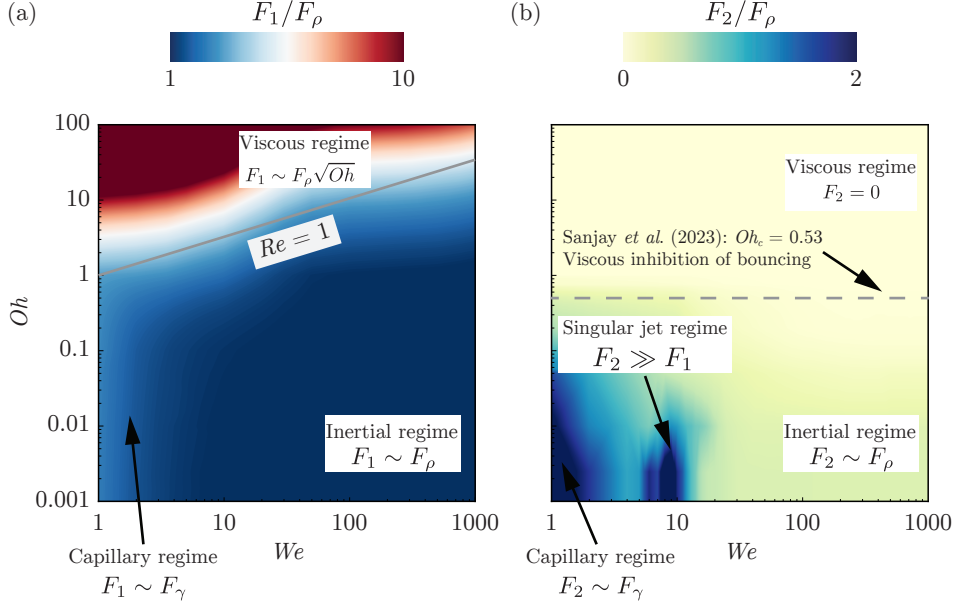
(a)
F_1/F_ρ
1
10
(b)
F_2/F_ρ
0
2
100
10
1
0.1
0.01
0.001
Oh
Viscous regime
$F_1 \sim F_\rho\sqrt{Oh}$
$Re = 1$
Inertial regime
$F_1 \sim F_\rho$
Capillary regime
$F_1 \sim F_\gamma$
1
10
100
1000
We
Viscous regime
$F_2 = 0$
Sanjay *et al.* (2023): $Oh_c = 0.53$
Viscous inhibition of bouncing
Singular jet regime
$F_2 \gg F_1$
Inertial regime
$F_2 \sim F_\rho$
Capillary regime
$F_2 \sim F_\gamma$
1
10
100
1000
We