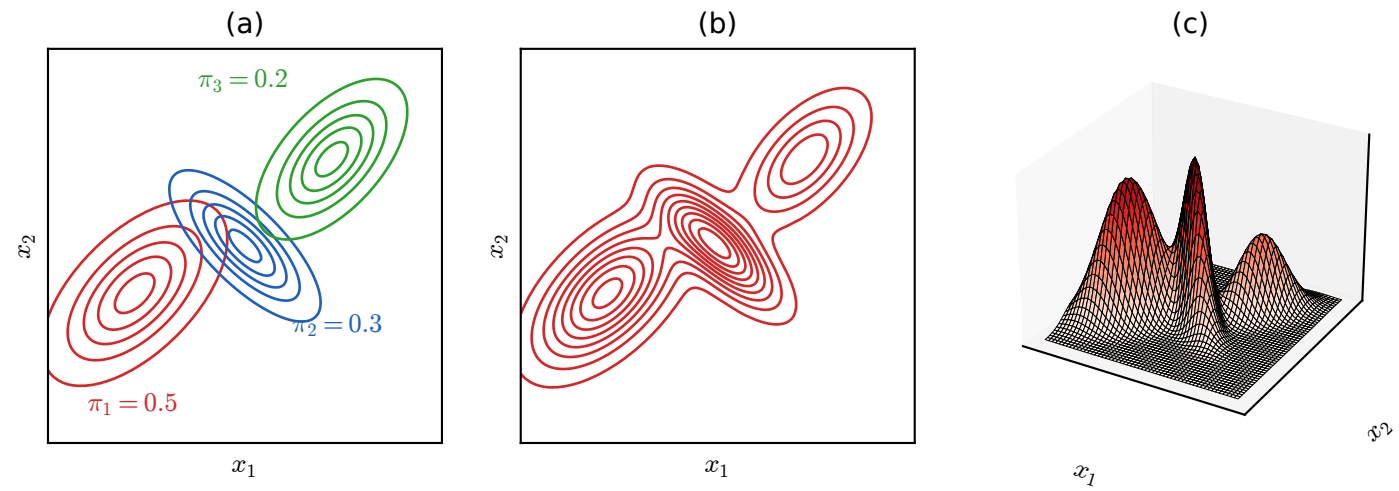

(a)
$\pi_3 = 0.2$
$\pi_2 = 0.3$
$\pi_1 = 0.5$
x_2
x_1
(b)
x_2
x_1
(c)
x_1
x_2