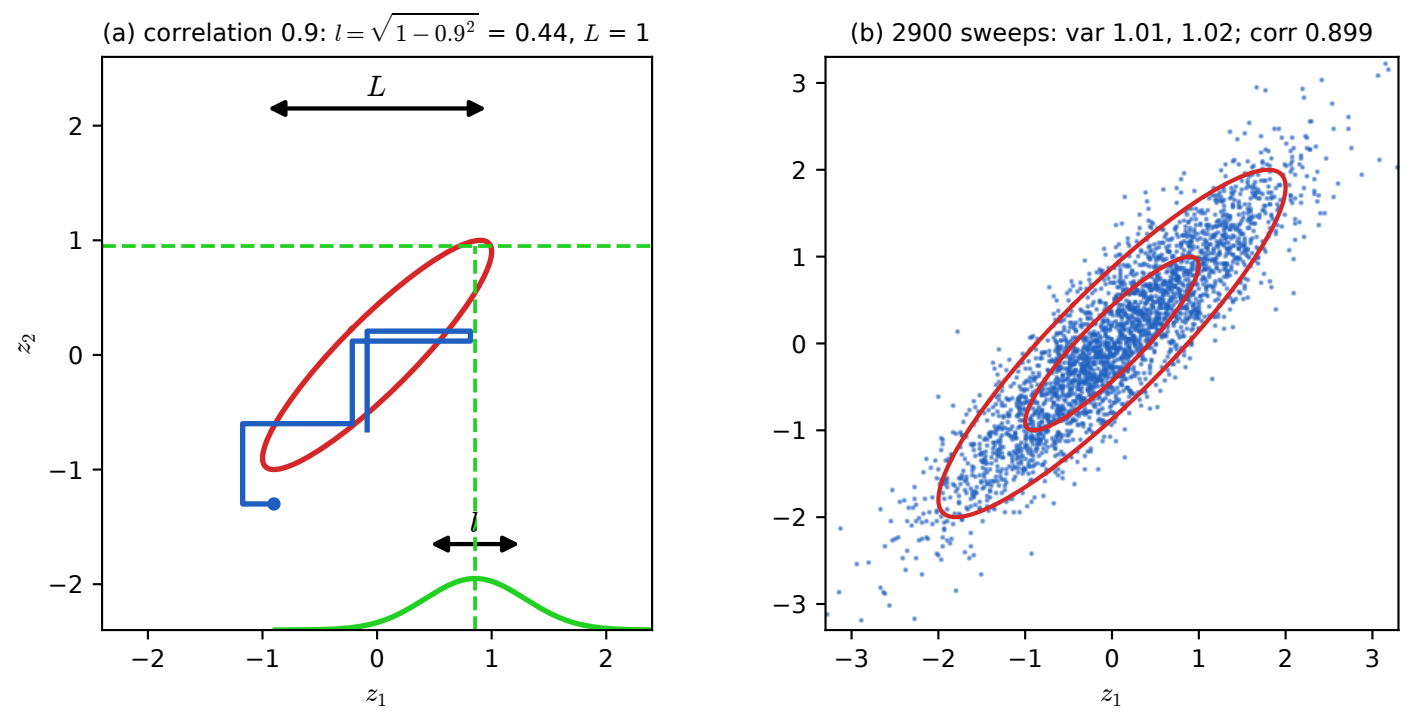

(a) correlation 0.9: $l = \sqrt{1-0.9^2}$ = 0.44, L = 1
L
l
z_1
z_2
(b) 2900 sweeps: var 1.01, 1.02; corr 0.899
z_1