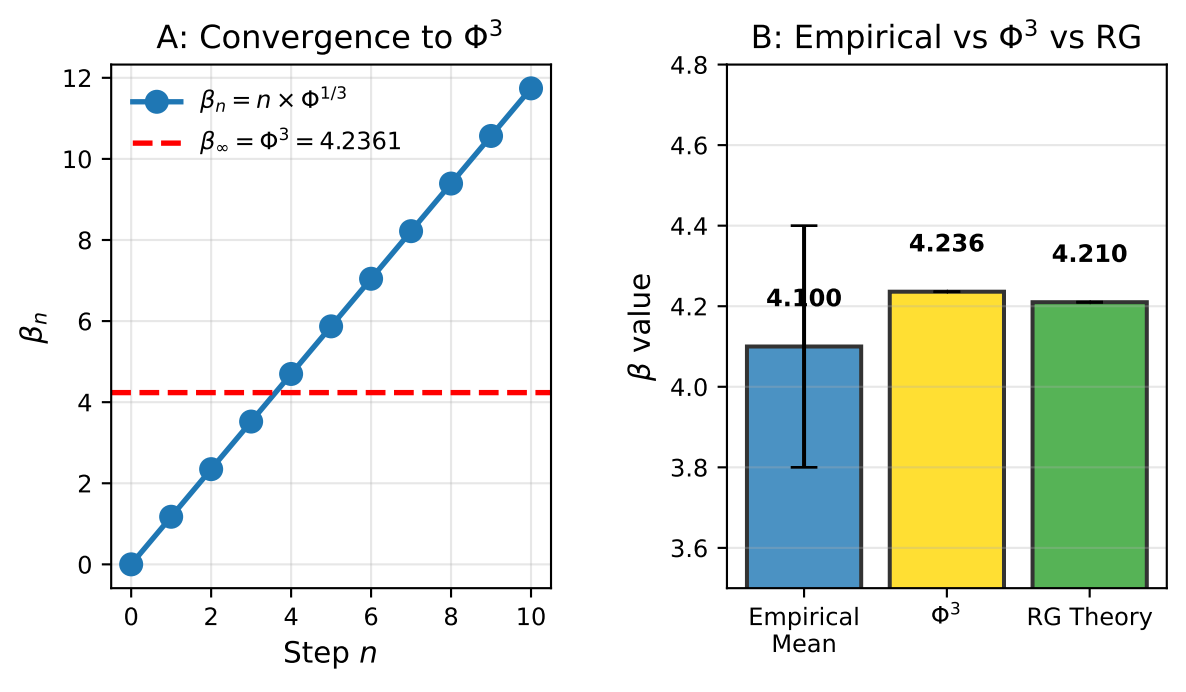
A: Convergence to Φ³
$\beta_n = n \times \Phi^{1/3}$
$\beta_\infty = \Phi^3 = 4.2361$
β_n
Step n
0
2
4
6
8
10
12
B: Empirical vs Φ³ vs RG
β value
4.8
4.6
4.4
4.2
4.0
3.8
3.6
4.100
4.236
4.210
Empirical Mean
Φ³
RG Theory