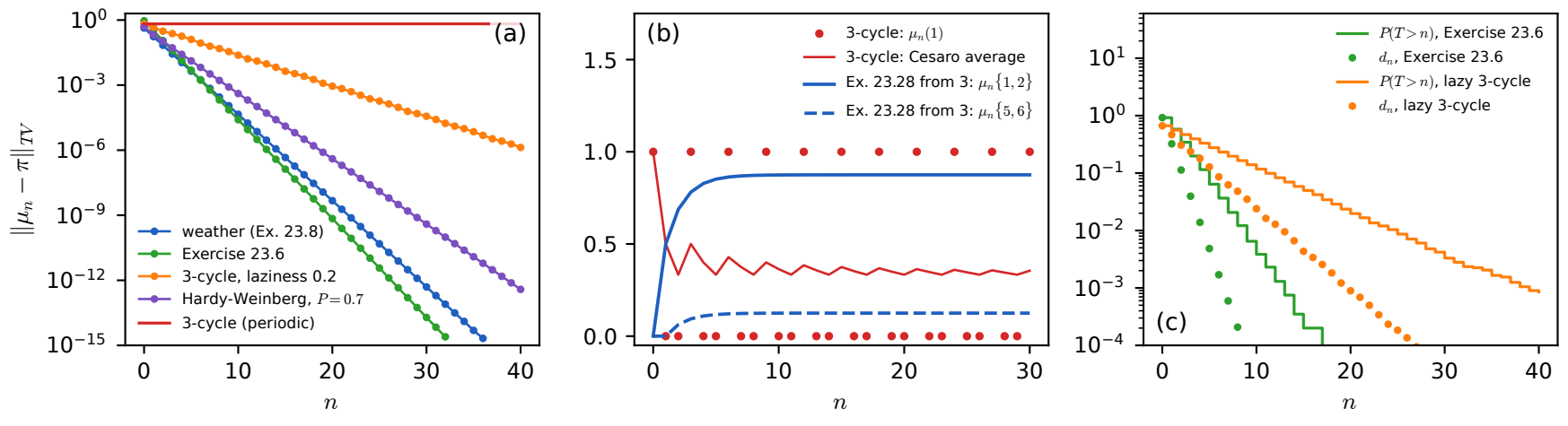

(a)
$\|\mu_n - \pi\|_{TV}$
10^0
10^{-3}
10^{-6}
10^{-9}
10^{-12}
10^{-15}
weather (Ex. 23.8)
Exercise 23.6
3-cycle, laziness 0.2
Hardy-Weinberg, $P=0.7$
3-cycle (periodic)
0
10
20
30
40
n
(b)
3-cycle: $\mu_n(1)$
3-cycle: Cesaro average
Ex. 23.28 from 3: $\mu_n\{1,2\}$
Ex. 23.28 from 3: $\mu_n\{5,6\}$
1.5
1.0
0.5
0.0
0
10
20
30
n
(c)
$P(T>n)$, Exercise 23.6
d_n, Exercise 23.6
$P(T>n)$, lazy 3-cycle
d_n, lazy 3-cycle
10^1
10^0
10^{-1}
10^{-2}
10^{-3}
10^{-4}
0
10
20
30
40
n