

EECS 307 — Homework #8
2/26/20 (due **Friday, 3/6**)

1. Give 6 examples of random processes (not already given in class), 3 discrete-time and 3 continuous-time.

2-5. Z&T (Ed. 6): 6.1 (parts b and c only), 6.2, 6.4, 6.6

6. Let $V(t) = X \cos 2\pi f_0 t + Y \sin 2\pi f_0 t$ where X and Y are independent random variables. Is this random process ergodic?