

**MA573 - Fall 2018 Homework 10 - Due December 3rd**

**Strogatz Problems**

*Section 7.5:* 6 (Hint: The “Liénard” plane refers to the change of variables we used to study the unbiased change of variables (Ex. 7.5.1 in text) we used to study the unbiased van der Pol oscillator)

*Section 8.1:* 5

*Section 8.2:* 1

*Section 8.3:* 1

*Section 8.4:* 12