

**MATH 25A – PROBLEM SET #9**  
**DUE WEDNESDAY DECEMBER 18**

1. PART A

- (1) Problem 3.1.5.
- (2) Problem 3.2.3.
- (3) Problem 3.1.26.

2. PART B

- (1) Problem 3.1.8.

For this part of the homework, please read Example 3.1.8 in the book about linked rods. The configuration of such rods often turns out to be a manifold, but not always (see problem 3.1.25 for an example).

- (2) Problem 3.1.16.
- (3) Problem 3.2.8.