

Problem Set 2

Engineering 3422, 2005

To do for Sept 27.

From Section 2.1.2 of Gosset:

- Exercise 1 parts (c), (d), (e), and (f)
- Exercise 3 parts (a), (b), and (f)
- Exercise 4 parts (a), (c), and (d)
- Exercise 11 parts (c) and (e)
- Exercise 18
- Exercise 20. Replace part (e) with the following

if $A \subseteq B$ then $A \cup B = \dots$ and $A \cap B = \dots$

and add (f)

if $A \subseteq C$ and $B \subseteq D$ then $A \cup B \dots$ and $A \cap B \dots$

From section 2.1.4 of Gosset

- Exercise 5 (a), (f), and (g)
- Exercise 10 (c) and (e)
- Exercise 13 (c) and (d)