

BMTH311: Assignment #3

Required Reading.

- Read §6.1-6.6

To be turned in February 7th, at the start of class.

1. 6.3.1, page 191
2. 6.8.2 ab, page 214
3. 6.8.8, page 216
4. 6.8.18, page 224
5. Using any of the models developed in class, form a hypothesis and conduct a numerical experiment to test your hypothesis. Ideas include modifying the pathways, making alterations to how certain enzymes function, changing the inputs to the system. Try to pick a numerical experiment that you think would be feasible to also perform in a wet lab.