

NORTHERN ILLINOIS UNIVERSITY
PHYSICS DEPARTMENT

Physics 374 – Junior Physics Lab

Spring 2021

Problem Set #4

Problem Set Due: Tues., March 9, 2021 (Bevington 4.2 is due earlier)
Read Bevington: Chapter 3&4

Chapter 3:

1. Bevington 3.9 [Python Tutorial #4: Integration]

Chapter 4:

2. Bevington 4.2 (**Due March 2—upload to Blackboard**)
3. Derive Equation (4.12) in Bevington [carefully prove relation in Equation (4.11)].
(**Due March 2—upload to Blackboard**)
4. Bevington 4.5
5. Bevington 4.8