

Answer sheet: Roundoff and population modeling

EXERCISE 1

<p>a.</p> <p>b.</p> <p>c.</p>

EXERCISE 2

<p>a.</p> <p>b.</p> <p>c.</p>

EXERCISE 3

(attach plot)

<p>Comments:</p>

EXERCISE 4

<p>Less accurate:</p> <p>due to:</p>

EXERCISE 5

(attach plot)

Rule of thumb:

EXERCISE 6

(attach plots and code)

Orbit characterization for

r=2.8:

r=3.3:

r=3.5:

r=3.9:

EXERCISE 7

(attach plots and code)

Interpretation of results:

EXERCISE 8

Answer:

COMMENTS ON LAB

Fun/boring, easy/difficult, suggestions for improvement: