



North South University
School of Engineering and Physical Sciences
Department of Mathematics and Physics
GENERAL PHYSICS I, PHY 107
Practice Exercise

Lecture #5

1. Many people watched the movie Robinson Crusoe, based on a famous novel by Daniel Defoe. In that movie, Crusoe was found in some locations on the sea.

Suppose he was found 550 *miles* away from the nearest lonely island, in the direction of making an angle of 35° east of due north. What is the distance of east and north of Crusoe from the ship when spotted?