

HOME WORK # 3

1. Design a software program in MATLAB in order to compute the satellite look angles (Azimuth and Elevation) from a knowledge of the satellite and the earth station coordinates.
2. Use your developed program to compute the look angles for some examples including ARABSAT and NILESAT from different locations such as Dhahran- Saudi Arabia.
3. Compare your compute values to those obtained from the several look angle calculators given to you in the external internet links on blackboard course web page.
 - a. <http://www.macho.mcmaster.ca/JAVA/JD.html>
 - b. <http://www.desert007.com/sat-angles.html>
 - c. <http://www.satellitesandyou.com/softwareat1.htm>