

Homework Set 6

Due:

1. If the payload mass in the fixed impulse example in the handout is increased to 990 kg,
 - (a) determine ΔV_1 and ΔV_2 ;
 - (b) determine the plane change angles α_1 and α_2 required for a Hohmann transfer;
 - (c) create a sketch similar to Fig. 3 in the handout entitled "*Fixed Impulse Maneuvers.*"