

Sun (x10)

Initial Earth (x1000)

Final Mars (x1000)

- Earth Orbit

- - Mars Orbit

—Unstable Manifold Arc (TOF = 213 d)

—Departure Conic Arc (TOF = 294 d)

Bridge Conic Arc (TOF = 202 d)

-Arrival Conic Arc (TOF = 7.68 d)

-Stable Manifold Arc (TOF = 361 d)

• $\Delta v_1 = 2.154 \text{ km/s}$

 $\Delta v_2 = 3.19 \text{ km/s}$