SPACECRAFT THERMAL CONTROL DESIGN DATA HANDBOOK

This project is related to a technical compilation initiated at IDR-UPM in 1974 under contract from ESA-ESTEC, which has produced a several-thousands pages 'handbook' (Spacecraft Thermal Control Design Handbook, ESA PSS-03-108).

Besides collaborating in this main project and many others that have offspring alongside, Prof. Martínez teaches the subject to post-graduate students at ETSIA-UPM.

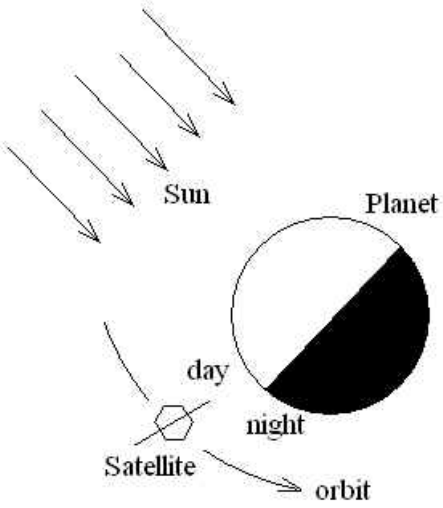

Fig. 1. Illustration of the two-body problem, the spacecraft and a planet (most of the times the Earth), besides the unidirectional radiation source from the Sun and the isotropic radiation sink of the space background, to study global thermal control of a satellite.