



POLITECNICO

MILANO 1863

Reverse Engineering of Juno Mission

Homework 5

Course of Space Systems Engineering & Operations
Academic Year 2023-2024

Group 5

Alex Cristian Turcu	alexcristian.turcu@mail.polimi.it	10711624
Chiara Poli	chiara3.poli@mail.polimi.it	10731504
Daniele Paternoster	daniele.paternoster@mail.polimi.it	10836125
Marcello Pareschi	marcello.pareschi@mail.polimi.it	10723712
Paolo Vanelli	paolo.vanelli@mail.polimi.it	10730510
Riccardo Vidari	riccardo.vidari@mail.polimi.it	10711828

Contents

Contents	i
Notation	i
1 Introduction of TCS	1
2 Analysis of thermal conditions along the mission	1
3 Architecture and rationale of TCS	1
4 Reverse sizing of TCS	1
Bibliography	2

Notation

TCS Thermal Control System

SYM to remove this cite^[1]

- 1 Introduction of TCS**
- 2 Analysis of thermal conditions along the mission**
- 3 Architecture and rationale of TCS**
- 4 Reverse sizing of TCS**

Bibliography

- [1] Richard Grammier. *Overview of the Juno Mission to Jupiter*. Site: <https://www.jpl.nasa.gov/missions/juno>. 2006.