



UNIVERSITÀ DI PISA

SPACECRAFT STRUCTURES AND MECHANISMS

MARIO ROSARIO CHIARELLI

Academic year	2018/19
Course	INGEGNERIA AEROSPAZIALE
Code	666II
Credits	12

Modules	Area	Type	Hours	Teacher(s)
SPACECRAFT STRUCTURES AND MECHANISMS	ING-IND/04	LEZIONI	120	MARIO ROSARIO CHIARELLI

Obiettivi di apprendimento

Modalità di verifica delle capacità

Prerequisiti per studi successivi

knowledge on stress analysis methodology and verification procedures
knowledge on kinematics and dynamics of discrete and continuous systems
knowledge on dynamics of mechanical systems (discrete and continuous)
knowledge on random analyses (stresses, acoustics and/or random vibrations)
basic knowledge and practical use of a commercial Finite Element software/or code
basic knowledge for the preliminary design of a spacecraft
basic knowledge of standard codes and/or rules for the preliminary design of a spacecraft

Ultimo aggiornamento 13/10/2018 17:43