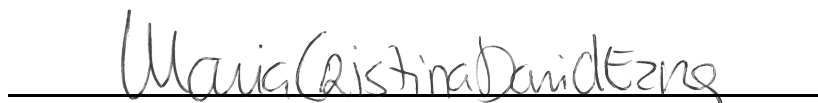


Maria Cristina De Oliveira Santos Matos David Ezra, Head of Graduation Academic Unit of Instituto Superior Técnico, Universidade de Lisboa certifies that:

Gonçalo António Gonçalves Gago Felício, holder of the Identity Card No. 15415017, born in Queijas, Oeiras and of PORTUGUESE nationality, obtained the degree of Mestre in Mechanical Engineering in the INTEGRATED MASTER DEGREE (MSC) in MECHANICAL ENGINEERING, on the 15th of December of 2021, with the final mark of 15 (fifteen) points, on a scale of 0 - 20, having been approved in the following curricular units.

Registration Certificate number 18135/IST/M/2022.



Maria Cristina De Oliveira Santos Matos David Ezra

Head of Graduation Academic Unit

Instituto Superior Técnico, Lisboa, on the 22nd of July of 2022.

Curricular Unit	ECTS	Grade
MECHANICAL DESIGN	6	13 (thirteen) points
INTEGRATED CONTROL OF PRODUCTION SYSTEMS	6	17 (seventeen) points
MANIPULATOR ROBOTS	6	13 (thirteen) points
OPTIMAL CONTROL	6	16 (sixteen) points
PROJECT MANAGEMENT	6	16 (sixteen) points
OPTIMIZATION & DECISION	6	16 (sixteen) points
FUNDAMENTAL COURSE IN THERMAL PROCESSING OF MATERIALS	6	12 (twelve) points
PRODUCTION MANAGEMENT	4.5	11 (eleven) points
ENERGY MANAGEMENT	4.5	15 (fifteen) points
SYSTEM IDENTIFICATION	6	12 (twelve) points
STRUCTURAL MECHANICS	6	14 (fourteen) points
INTELLIGENT SYSTEMS	6	13 (thirteen) points
HEAT TRANSFER	6	12 (twelve) points
COMPUTATIONAL VISION	4.5	16 (sixteen) points
MECHANICAL ENGINEERING MASTER THESIS	30	17 (seventeen) points
RISK EVALUATION AND MANAGEMENT	6	15 (fifteen) points
MAINTENANCE AND SAFETY	6	16 (sixteen) points