

Quantum radars

Academic Year: (2023 / 2024)

Review date: 10-03-2023

Department assigned to the subject: Signal and Communications Theory Department

Coordinating teacher: GARCIA MUÑOZ, LUIS ENRIQUE

Type: Electives ECTS Credits : 3.0

Year : 2 Semester : 1

DESCRIPTION OF CONTENTS: PROGRAMME

Quantum radar.- Classical radar theory: concepts, basic equations; role of noise; radar jamming; radar cross section. Quantum radar theory: jamming robustness and sensitivity; standoff quantum sensors; physical realization of a quantum radar; quantum radar cross section.