

III- GRAVITATIONAL LENSING

IV- GRAVITATIONAL WAVE (GW) EMISSION

V- TIMING OF MILLISECOND PULSARS

VI- FORMATION, EVOLUTION AND DYNAMICS OF MASSIVE BLACK HOLES (MBHs)

2- MBH growth along the cosmic history

3- Formation and evolution of massive black hole binaries (MBHBs)

Prerequisites

None, besides the basic classes of the bachelor

Teaching form

56 hours of frontal lectures, mostly at the blackboard, occasionally with the support of slides.

Lectures will be in English.

Textbook and teaching resource

the rest of the exam, the lecturer will ask other questions covering any of the topics treated in class.

There will be no intermediate examinations nor homework.

Office hours

Any day is possible, so long as an appointment is requested via email. I generally use Google Meet for remote meetings.
