
Mathematical analysis D

Finalità

The lectures will cover the standard topics of the analysis of functions of one variable, with all proofs carried out in detail.

Programma

Numbers, sequences, continuous and differentiable functions, integrals, series of functions, differential equations.

Modalità d'esame

Oral exam.

Propedeuticità

Mathematical Analysis AB (at least in parallel, the course may be taken also in the first year of the three-year programme)

Testi consigliati

E. Acerbi - G. Buttazzo: Analisi matematica ABC vol.1, Pitagora, Bologna, 2003