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# 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