

Referenze per il corso di *Analisi Reale*.

Dipartimento di Matematica dell'Università di Pisa, a.a. 2023/2024.

- [1] L.Ambrosio, G.Da Prato, A.Mennucci, Introduction to Measure Theory and Integration, Edizioni della Normale, 2011.
- [2] L.Ambrosio, N.Fusco, D.Pallara, Functions of Bounded Variation and Free Discontinuity Problems, Oxford University Press, New York, 2000.
- [3] L.Ambrosio, P.Tilli, Topics on analysis in metric spaces, Oxford University Press, Oxford, 2004.
- [4] Y.Benyamini, J.Lindenstrauss, Geometric Nonlinear Functional Analysis, American Mathematical Society, 2000.
- [5] Y.D.Burago, V.A.Zalgaller, Geometric inequalities, Grundlehren Math. Springer, Berlin, 1988.
- [6] S.B.Chae, Lebesgue integration, Collana "Universitext", Springer 1995.
- [7] D.L.Cohn, Measure Theory, Birkhäuser, 1980.
- [8] L.C.Evans and R.F.Gariepy, Measure theory and fine properties of functions, revised edition. Textbooks in Mathematics. CRC Press, Boca Raton, FL, 2015.
- [9] H.Federer, Geometric measure theory, Die Grundlehren der mathematischen Wissenschaften, Springer-Verlag New York Inc., New York, 1969.
- [10] K.Falconer, Fractal Geometry. Mathematical Foundations and Applications, Wiley, 2003.
- [11] G.B.Folland, Real Analysis. Modern Techniques and Their Applications, John Wiley and Sons, 1999.
- [12] I.P.Natanson, Theory of functions of a real variable, New York, 1964.
- [13] H.L.Royden and P.M.Fitzpatrick, Real Analysis, Pearson Education, 2010.