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## Magnetic Measurements

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Magnetic properties are in the focus of many research activities due to their potential relevance to technological applications. In order to study the related phenomena a variety of different measuring techniques have been developed which offer complementary information properties relevant to a complete description of magnetic samples. In this lecture, I will give an overview over different measuring techniques giving access e.g. to magnetization, magnetic anisotropy, domain formation and relaxation dynamics. One important aspect will be the comparison between methods that provide macroscopic information about a specimen and on the other hand methods with elemental selectivity or local resolution.