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Sommario/riassunto	These lectures are intended for graduate students and researchers studying methods for the prediction of properties of elementary particles. Today's theory does not allow ab initio computation of all properties of particles like leptons and quarks. However, the understanding of the standard model, and in particular of QCD, has reached a state where many features can be computed from the theory with little further input, at least to some approximation. A summary of the state of the art for these quantities is also given from the phenomenological point of view.