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Sommario/riassunto	The development of realistic mathematical models that govern the response of systems or processes is strongly connected to the ability to translate them into meaningful discrete models that allow for a systematic evaluation of various parameters of the systems and processes. The second edition of this book has the same objective as the first edition, namely, to facilitate an easy and thorough understanding of the details that are involved in the theoretical formulation, finite element model development and solutions of nonlinear problems.