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                       of Buildings

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   Sommario/riassunto The Life cycle cost (LCC) method makes it possible for the whole life
                       performance of buildings and other structures to be optimized. The
                       introduction of the idea of thinking in terms of a building life cycle
                       resulted in the need to use appropriate tools and techniques for
                       assessing and analyzing costs throughout the life cycle of the building.
                       Traditionally, estimates of LCC have been calculated based on historical
                       analysis of data and have used deterministic models. The concepts of
                       probability theory can also be applied to life cycle costing, treating the
                       costs and timings as a stochastic process. If any subjectivity is
                       introduced into the estimates, then the uncertainty cannot be handled
                       using the probability theory alone. The theory of fuzzy sets is a
                       valuable tool for handling such uncertainties. In this Special Issue, a
                       collection of 11 contributions provide an updated overview of the
                       approaches for estimating the life cycle cost of buildings.