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DETERMINING CRITERIA IN TECHNOLOGY VALUATION THROUGH THE ANALYTIC HIERARCHY PROCESS: A CASE STUDY IN VIETNAM

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ABSTRACT

Technology valuation is a bottleneck in the process of commercialization and technology transfer. When applying valuation methods, there are many assumptions set out in the calculation. This article presents very first serious effort to analyse the Analytic Hierarchy Process (AHP) and its initiation in Vietnam. The AHP is a weight calculation method applied to evaluate the importance of each factor affecting technology valuation. However, the AHP has been applied to valuation work in only a few countries in recent years. In Vietnam so far, there has been no research on the AHP in technology valuation; the results of this study are expected to be a breakthrough for the application of the AHP in technology valuation. In this study, the research team uses Saaty's AHP to analyze and identify criteria affecting technology valuation in the current conditions of Vietnam.

Keywords: Technology Valuation, Analytic Hierarchy Process (AHP), Vietnam.