

DESIGN OF A METHODOLOGY FOR IDENTIFYING AND SELECTING THE BEST ALTERNATIVE IN ACQUIRING THE INFORMATION SYSTEM FOR A COMPANY

Diana Consuelo Gómez Muñoz*
Commercial support engineer
Instrumentos y Controles S.A.
E-mail: dicogom@gmail.com

Mario Castillo
Department of Industrial Engineering
Universidad de los Andes
Bogotá, Colombia
E-mail: mcastill@uniandes.edu.co

ABSTRACT

This article presents a Decisions Analysis methodology using qualitative and quantitative criteria supported in probabilistic models, risk analysis and Analytic Hierarchy Process (AHP), for selecting the best alternative in acquiring the adequate information system for the company's interests.

Keywords: Decisions Analysis, Analytic Hierarchy Process (AHP), influence diagram

* Corresponding author