



UNIVERSITÀ DEGLI STUDI
DI TRENTO

Dipartimento di Informatica
e Studi Aziendali

SEMINARI DISA

SOFT COMPUTING METHODS IN MANAGERIAL DECISION MAKING

PROF. VILEM NOVAK

Institute for Research and Applications of Fuzzy Modeling
University of Ostrava, Czech Republic

AULA STATISTICA

Facoltà di Economia

II[^] piano

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Managerial decision-making is a complex procedure which combines both numerical as well as information provided in natural language which, however, is subjected to imprecision and vagueness. Therefore, managers are somewhat reluctant to the use of mathematical methods for decision support due to limited use of them. In this talk, we will try to convince the audience that soft-computing decision methods are well suitable for managerial decision-making because they can well combine both kinds of information and thus provide decisions close to decisions made by people. We will demonstrate the use of the following soft computing methods: – Model of the semantics of a part of natural of natural language, which covers especially the theory of evaluating linguistic expressions.

- Perception-based logical deduction.
- Fuzzy transform.

Referente:

Mario Fedrizzi tel. 0461-882151 email: mario.fedrizzi@economia.unitn.it