

Title: Advanced Aspects in Multidisciplinary Soft Computing and Applications

Abstract:

This presentation is aimed to highlight the soft computing paradigms for designing intelligent systems. Nowadays soft computing techniques are considered a good approach to solve many problems in a wide range of applications.

We are focused on the conception, development and implementation of soft computing techniques in multidisciplinary design problems. In particular, these soft computing techniques offers the advantages of the linguistic based representation of knowledge as well as a remarkable easiness of the implementations.

The presented case studies proved to be useful in a wide field of applications, especially in designing complex systems.