



Kolloquium zur Masterarbeit

An Algorithm for Automatic Profile Dimensions

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Supportive IT applications have the potential to improve processes in the tire production, such as the optimization and automation of the processes of designing new tires and developing a virtual model of the tire. One of the processes defines the dimensions for new tire profiles. Formal Concept Analysis (FCA) is an unsupervised learning technique for conceptual clustering that is applied in different fields such as text mining, knowledge management, semantic web, software development, chemistry and biology. In this work, we deal with a large amount of data therefore Formal Concept Model is used in order to define a pattern for dimensions. The results show that using Formal Concept Analysis for defining the pattern of dimensions with respect to the incoming system data is possible.

Montag, den 30. Juli 2018, 15:00 Uhr, Besprechungsraum
106, Ifl (D3), Julius-Albert-Str. 4.