

Network visualization of university curricula based on the degree of linkage between subjects

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Abstract

In this presentation, we introduce a method for calculating indices for evaluating curricula and courses based on data on related courses and their degree of relatedness collected for each course in a university curriculum. In addition, a network visualization of the curriculum reflecting these indices will enable us to evaluate the curriculum and to support students in their course selection.

Keywords: network visualization, weighted directed graph, university curriculum