Analisys of the STCP transport network

Diogo Bogas

DCC/FCUP

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Abstract

This theme aims to do an initial analisys of the complex network that represents all the bus lines belonging to STCP. The student will start by creating the network, with automatic data extraction from sources like the website stcp.pt. Then, with all the gathered data, there should be a preliminary data analisys with focus on node centrality, degree distribution and characteristic patterns