The resource-constrained project scheduling problem with alternative subgraphs (RCPSP-AS)

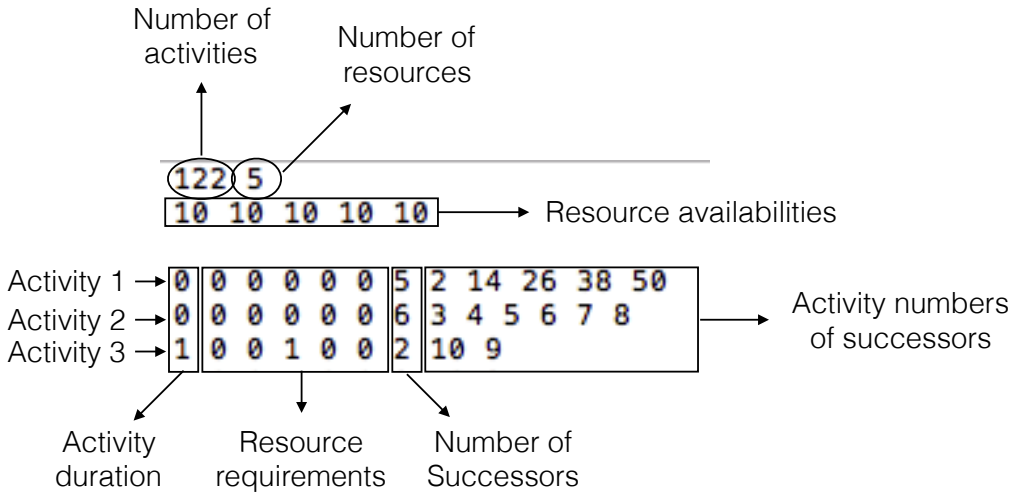
Reference: Servranckx, T., and Vanhoucke, M., 2019, "A tabu search procedure for the resource-constrained project scheduling problem with alternative subgraphs", European Journal of Operational Research, 273(3), 841–860

Input files

Each data instance *X* consists of two input files: fileXa and fileXb. Additional information on the interpretation of these input files is provided in this document.

FileXa

This input file shows the overall project network of the data instance with a focus on the topological structure and resource allocation. The project network is generated using the network generator RanGen 2. An explanation of this input file is provided below:



FileXb

This input file shows the alternative project structures of the data instance by means of alternative branches and alternative subgraphs. An explanation of this input file is provided below:

