

Exam Project management and scheduling January 2021

Q1: Given: Network with 2 different resource types.

-Calculate critical path based and critical sequence based LB

-Apply DH-procedure until first resource conflict. Give delaying alternatives and calculate for every delaying alternative the CP-based LB and the critical sequence based LB.

Q2: MAX NPV problem

=> Solve the unconstrained problem

=> Give the first step of the B&B procedure for the constrained MAX NPV Problem

Q3: RACP problem

Q4: Calculate the starting time criticality of 1 activity.