



Research School for Operations
Management and Logistics

Solving ILPs for the SCOP problem of high-tech low-volume industries

Joost de Kruijff – TU/e

The goal of my research project is to improve the methods to solve the Supply Chain Operation Planning problem for high-tech low-volume production companies. Because of the complex structure of the supply chain and the involved production processes a rolling horizon approach is proposed. Since the considered production is low-volume, an Integer Linear Program is defined. One of the main challenges of this approach is the large solving time of this ILP. Dealing with this running time will be the main focus of my PhD project.