**Project 1 - Inventory of Steel Rods**

**Research Articles:**

1. Cutting Stock Problem

<https://en.m.wikipedia.org/wiki/Cutting_stock_problem#:~:text=In%20operations%20research%2C%20the%20cutting,arises%20from%20applications%20in%20industry.>

1. Solving One-Dimensional Cutting Stock Problems with the Deep Reinforcement Learning

<https://www.mdpi.com/2227-7390/11/4/1028>

1. Solving a Hard Cutting Stock Problem by Machine Learning and Optimisation

<https://link.springer.com/chapter/10.1007/978-3-319-23528-8_21>

*\* Refers to PDF ‘’Reference 3-Solving a Hard Cutting Stock Problem by Machine Learning and Optimisation’’*

1. A stabilized branch-and-price-and-cut algorithm for the multiple length cutting stock problem

<https://www.sciencedirect.com/science/article/abs/pii/S0305054806002000>