Resource-Constrained Scheduling

In algorithmics, there are two types of problems:

➡ Those which complexity grows **polynomially**
with the quantity of data to handle ⇢ $O(q) \sim q^c$

➡ Those which complexity grows **exponentially**
with the quantity of data to handle ⇢ $O(q) \sim c^q$

➡ PDM algorithm ⇢ **polynomial** growth algorithm

➡ Exact solution for the RC-PSP ⇢ **exponential** growth algorithm

➡ Sufficiently good solution for the RC-PSP ⇢ **optimization heuristics**
E.g. ➙ priority-rule-based optimization algorithms