



## Task rotation

Task rotation is a method to equally divide physical and mental workload over jobs, though for certain jobs this may cause a higher workload. Task rotation as a job improvement tool is particularly suitable for manual production environments, like a mail sorting centre.



## Classification of tasks

Tasks should be classified first, in order to find optimal combinations. While existing techniques focus on just the physical or mental workload, better results can be achieved by an integral comparison of all workload aspects. A new and convenient analysis technique has been developed to make this possible.

Sorting machine 'Large post items' tasks A - D	Endurance time - limit (hours)	A: 1-2	B: 2-4	C: 2-4	D: 4-8
A: Operate machine & item entry	1-2	X	1	3	2
B: Sort machine output	2-4	1	X	3	2
C: Sort reject by hand	2-4	3	3	X	3
D: Clean machine	4-8	2	2	3	X

## Time-table design

Rotation schedules provide time limits for safe task performance, and also show which task combinations result in sufficient recovery. Production planners can use this information to make both efficient and healthy work schedules.