SW13##

Encoding the optimitation problem - knapsach Problem.

filtness (individual) =
$$\begin{cases} \sum_{i=1}^{5} G_{i} \cdot V_{i}, & \text{if } \sum_{i=1}^{5} G_{i} \cdot V_{i} \leq 15 \\ 0, & \text{if } \sum_{i=1}^{5} G_{i} \cdot V_{i} \geq 15 \end{cases}$$

The most important step 15 to find a suitable encoding of the problem to the Genotypes.

→ This will be a MEP exercise.