

## Definition

Given a DP  $\mathbf{d} : \mathbf{F} \rightarrow \mathbf{R}$  we denote by  $H_{\mathbf{d}} : \mathbf{F} \rightarrow_{\text{Pos}} \mathcal{U}\mathbf{R}$  the map that associates to each functionality  $f$  the set of minimal resources sufficient to realize  $f$ :

$$H_{\mathbf{d}} : \mathbf{F} \rightarrow_{\text{Pos}} \mathcal{U}\mathbf{R},$$
$$f \mapsto \{r \in \mathbf{R} : \mathbf{d}(f^*, r)\}.$$

If a certain functionality  $f$  is infeasible, then  $H(f) = \emptyset$ .