

$$\left\{ \begin{array}{c} (x_{1,1}, \dots, x_{1,d}) \\ (x_{2,1}, \dots, x_{2,d}) \\ \vdots \\ (x_{b,1}, \dots, x_{b,d}) \end{array} \right\} \xrightarrow[\text{do vektoru}]{\phi(b) \text{ vloží tašku}} \bar{x} \in \mathbb{R}^m \xrightarrow{\text{klasifikace}} f(\bar{x}) = \begin{cases} +1 \\ -1 \end{cases}$$