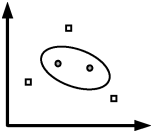
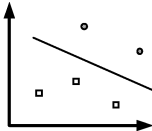


Input space



$\Phi$

Feature space



separating hyperplane

$$w^* \Phi(\mathbf{x}) + b = 0$$