Advanced Machine Learning Homework 5

$k(\vec{x}, \vec{y}) = (\vec{x} \cdot \vec{y})^n$

$k(\vec{x}, \vec{y}) = (\vec{x} \cdot \vec{y} + 1)^n$

$k(\vec{x}, \vec{y}) = e^{-\sigma(\|\vec{x}\|^2 + \|\vec{y}\|^2)}$