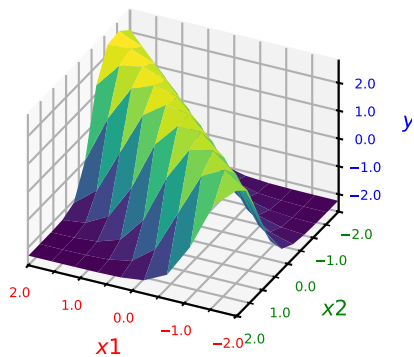**Surface plots of** $y = W^T \sigma(V^T x + b_v) + b_w$
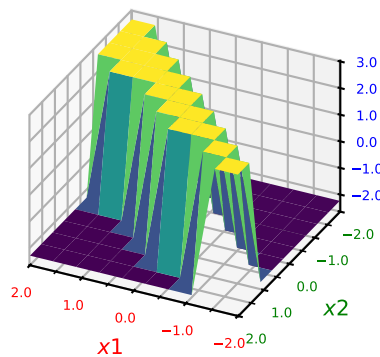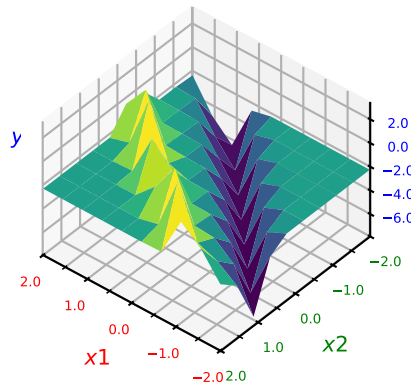
Sigmoid
n=100
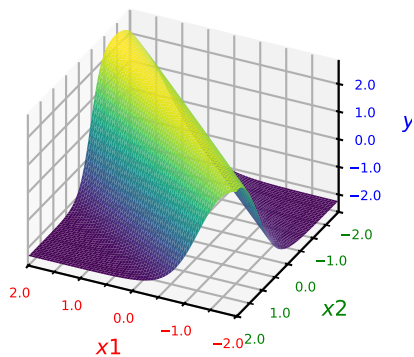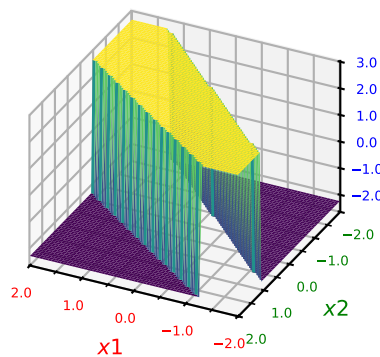
Hard Limit ($t = 0.0$)
n=100

Gaussian RBF ($\varepsilon = 1.0$)
n=100
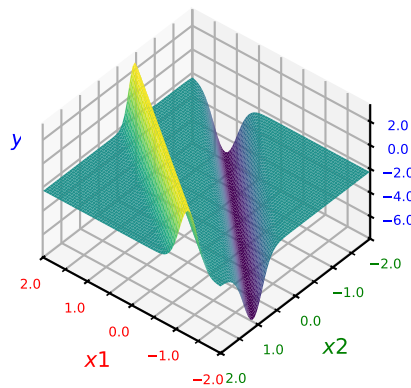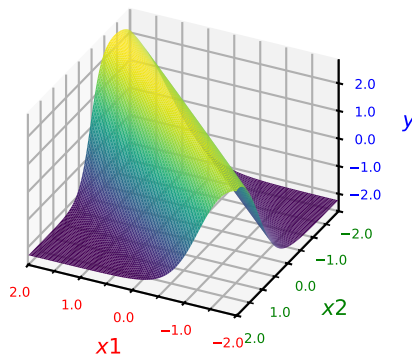
Sigmoid
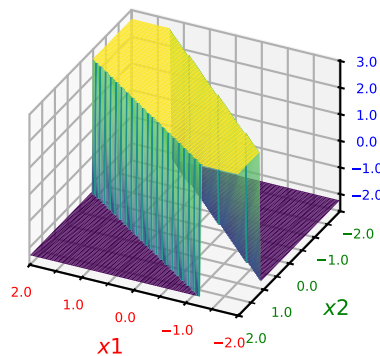n=5041

Hard Limit ($t = 0.0$)
n=5041

Gaussian RBF ($\varepsilon = 1.0$)
n=5041

Sigmoid
n=10000

Hard Limit ($t = 0.0$)
n=10000

Gaussian RBF ($\varepsilon = 1.0$)
n=10000