$$\frac{2}{2}(w) = \begin{cases} \sum_{n=1}^{N} (y(x_{n},w)-t_{n}) \frac{1}{2} x_{n}^{T} + \frac{\lambda}{2} \cdot \frac{\partial ||w||^{2}}{\partial w_{j}} \\ \frac{\lambda}{2}w_{j} & \frac{\lambda}{2}w_{j} - \frac{\lambda}{2}$$