$$F(b, \beta) = \frac{1}{2} \sum_{n=1}^{N} \sum_{m=1}^{N} \beta_n \beta_m K(x_n, x_m) + C \sum_{n=1}^{N} \left(\max\left(0, \left| y_n - \sum_{m=1}^{N} \beta_m K(x_m, x_n) - b \right| - \varepsilon \right) \right)^2$$