$$\bar{f}_{l*} = \mathbf{k_{l*}}^T (K + \sigma_n^2 I)^{-1} \mathbf{y}$$

$$Var[f_*] = \mathbf{k_{l**}} - \mathbf{k_{l*}}^T (K + \sigma_n^2 I)^{-1} \mathbf{k_{l*}}$$