```
L_{n} = \{(X_{1}, Y_{1}), ..., X_{n}, Y_{n})\}
X_{i} = (X_{i}^{1}, ..., X_{i}^{p})
X_{i} \in \mathbb{Y}
Y_{i} \in \mathbb{Y}
Y_{i} = S(X_{i}) + \mathbb{E}
S(X_{i}) + \mathbb{E}
(x) = B(x) = \frac{1}{B} \sum_{i=1}^{B} i
E[(x) - S(x))^{2}] = (E[(x)] - S(x))^{2} + Var((x))
E[(x)] = E_{1}(x)]
Var((x)) = \frac{1}{B}Var_{1}(x)
k(x)
k(x)
k(x)
k(x)
```