15/ 6.4 依 $E(X_i)$: M $V(X_i)$: O^2 : $E(X_i^2)$ - M^2 則 $E(\overline{X})$: M $V(\overline{X})$: \overline{N} : $E(\overline{X}^2)$ - M^2

$$E(\hat{\boldsymbol{\Theta}}) = E\left[\frac{\frac{1}{2}(x_i - \bar{x})}{n}\right] = h\left(\frac{1}{2}(x_i^2 - n\bar{x}^2)\right)$$

$$E(\hat{\beta}_{2}) = E\left[\frac{n}{n-1}\left(\chi_{i}-\chi\right)^{2}\right] = \frac{1}{n}\left[\frac{n}{n}\left(\chi_{i}-\chi\right)^{2}\right]$$

$$=\frac{n\sigma^{2}}{n-1}-\frac{\sigma^{2}}{n-1}$$