Teopus (
$$Var(u_i)$$
 - $u_j keernon$)

(vi) $y_i = \beta_0 + \beta_1 x_i + u_i$: $\sqrt{f(x_i)}$
 $Var(u_i) = \frac{\sigma^2}{(3+x_i)^2}$
 $f(x_i) = \frac{1}{(3+x_i)^2}$

(3+xi) $y_i = (3+x_i)\beta_0 + \beta_1 x_i (3+x_i) + u_i \cdot (5+x_i)$

$$\hat{y}_i = \beta_0 \cdot \hat{x}_{ii} + \beta_2 \cdot \hat{x}_{2i} + \hat{u}_i$$

(3+xi) $Var(\tilde{u}_i) = Var(u_i(3+x_i)) = \frac{6+x_i}{(3+x_i)^2}$
 $\Rightarrow b \text{ using } \hat{y}_i = \beta_0 \cdot \hat{x}_{1i} + \beta_1 \cdot \hat{x}_{2i} + \hat{u}_i \quad v \neq x \text{ new}.$

(N2) $y = x_{\beta} + u$
 $A - u_2 kee mu$
 $A - u_3 e e mu$
 $A - u_4 = \beta_1 x_1 + \beta_2 x_2 + \beta_3 x_3 + \beta_4 x_4 + \beta_4 x_5 + \beta_4 x_5 + \beta_5 x_5 + \beta_6 x$

$$\hat{\beta}^{eff} = (\hat{X}^{T} \hat{X})^{-4} \hat{X}^{T} \hat{g} = (X^{T} A^{-1/2} A^{-1/$$

