$$\frac{\gamma}{2} = \chi \beta + \Sigma$$

$$\begin{cases} \beta \sim N(0, \sigma_{\varepsilon}^{2} \pm 1) & \mathbf{G} = \sigma_{\varepsilon}^{2} \pm 1 \\ \Sigma \sim N(0, \sigma_{\varepsilon}^{2} \pm 1) & \mathbf{R} = \sigma_{\varepsilon}^{2} \pm 1 \end{cases}$$

$$\frac{\mathbf{V}(\gamma)}{2} = \sigma_{\varepsilon}^{2} \times \chi \times + \sigma_{\varepsilon}^{2} \pm 1 = \chi \delta \times + R$$

$$On a: \int (\beta 1 \gamma) d \int (\gamma \beta) \int (\beta) d\beta$$

$$N(\chi \beta, \sigma_{\varepsilon}^{2} \pm 1)$$

$$N(\chi \beta, \sigma_{\varepsilon}^{2} \pm 1)$$

$$P(x,y) = \frac{1}{2} (y - xy)' (x - (y - xy)) - \frac{1}{2} x' (x - xy)'$$

$$= \frac{1}{2} \begin{cases} y' (x - xy)' (x - y) - y (x - xy) + y' (x - xy) \\ - \frac{1}{2} \begin{cases} y' (x - xy)' (x - xy) - y (x - xy) + y' (x - xy) \\ - \frac{1}{2} \begin{cases} y' (x - xy)' (x - xy) - y' (x - xy) \\ - \frac{1}{2} \begin{cases} y' (x - xy)' (x - xy) - y' (x - xy) \\ - \frac{1}{2} \begin{cases} y' (x - xy)' (x - xy) - y' (x - xy) \\ - \frac{1}{2} \begin{cases} y' (x - xy)' (x - xy) - y' (x - xy) \\ - \frac{1}{2} \begin{cases} y' (x - xy) - y' (x - xy) \\ - \frac{1}{2} \end{cases} \end{cases}$$

avec
$$\begin{cases} m = V \times n^{-1} \\ V = (x n^{-1} + 6^{-1})^{-1} \end{cases}$$