$\Rightarrow \varphi \sim \mathcal{N}\left(\left(\begin{array}{c}19\\2\end{array}\right), \left(\begin{array}{c}58 & -13\\-13 & 22\end{array}\right)\right)$ 

 $= \begin{pmatrix} 8 & -14 & 1 \\ 7 & 9 & 15 \end{pmatrix}$ 

 $A R A^{T} = \begin{pmatrix} 8 & -[h & f \\ \gamma & g & [3] \end{pmatrix} \begin{pmatrix} 2 & 0 \\ -3 & f \\ 0 & 1 \end{pmatrix} = \begin{pmatrix} 5 & 8 & -[3] \\ -[3] & 2 & 2 \end{pmatrix}$ 

$$ξ_0, ξ_1, λ_1 - λee_3, q = (-ρ)$$
 $ξ_n ~ Gomma (1, n+1), n = 0, 1$ 
 $δ_1 ~ β_2 (p), q = ξ_3 e = ?$ 
 $(ξ_1) = (1 - (n+1)it)^{-1} = \frac{1}{1 - (n+1)it}$ 
 $(η ξ_1) = [E \exp(it ξ_1)] = [E[\exp(it ξ_2)] q + \exp(it ξ_1)] p]$ 
 $= q E \exp(it ξ_2) + p [E \exp(it ξ_2)] = \frac{q}{1 - it} + \frac{1 - 2it}{1 - 2it}$ 
 $(η ξ_1) = [f(1) + f(2)] + f(2)$ 
 $(η ξ_2) = [f(2) + f(2)] + f(2)$ 
 $(η ξ_1) = [f(2) + f(2)] + f(2)$ 
 $(η ξ_2) = [f(2) + f(2)] + f(2)$ 
 $(η ξ_1) = [f(2) + f(2)] + f(2)$ 
 $(η ξ_2) = [f(2$ 

$$\begin{aligned} & \varphi_{\eta_{n}}(t) = \varphi_{0}(t) \cdot \dots \cdot \varphi_{0}(t) = \\ & = \frac{1}{10^{n}} \left( e^{it/10} + 1 \right) \left( \dots \cdot \right) \left( e^{it/10^{n}} + 1 \right) \cdot \left( e^{it/10^{n}} - 1 \right) \\ & = \frac{1}{10^{n}} \left( e^{it/2} + 1 \right) \left( \dots \cdot \right) \left( e^{it/10^{n}} + 1 \right) \left( e^{it/10^{n}} - 1 \right) \\ & = \frac{1}{10^{n}} \left( e^{it/10^{n}} - 1 \right) = \frac{1}{10^{n}} \left( e^{it/10^{n}} - 1 \right) \\ & = \frac{1}{10^{n}} \left( e^{it/10^{n}} - 1 \right) = \frac{1}{10^{n}} \left( e^{it/10^{n}} + 0 \right) \left( e^{it/10^{n}} - 1 \right) \\ & = \frac{1}{10^{n}} \left( e^{it/10^{n}} - 1 \right) = \frac{1}{10^{n}} \left( e^{it/10^{n}} + 0 \right) \left( e^{it/10^{n}} - 1 \right) \\ & = \frac{1}{10^{n}} \left( e^{it/10^{n}} - 1 \right) = \frac{1}{10^{n}} \left( e^{it/$$