AR (P) Process

Y₁ =
$$\phi_1$$
 Y₁₋₁ + ... + ϕ_p Y_{1-p} + ε_+ ... $\varepsilon_+ \sim iid(0, \sigma^2)$

$$P(i) = \Phi_{A} \rho (1-i) + \Phi_{Z} \rho (2-i) + ... + \Phi_{P} \rho (p-i)$$
 $i = 1, ..., T$