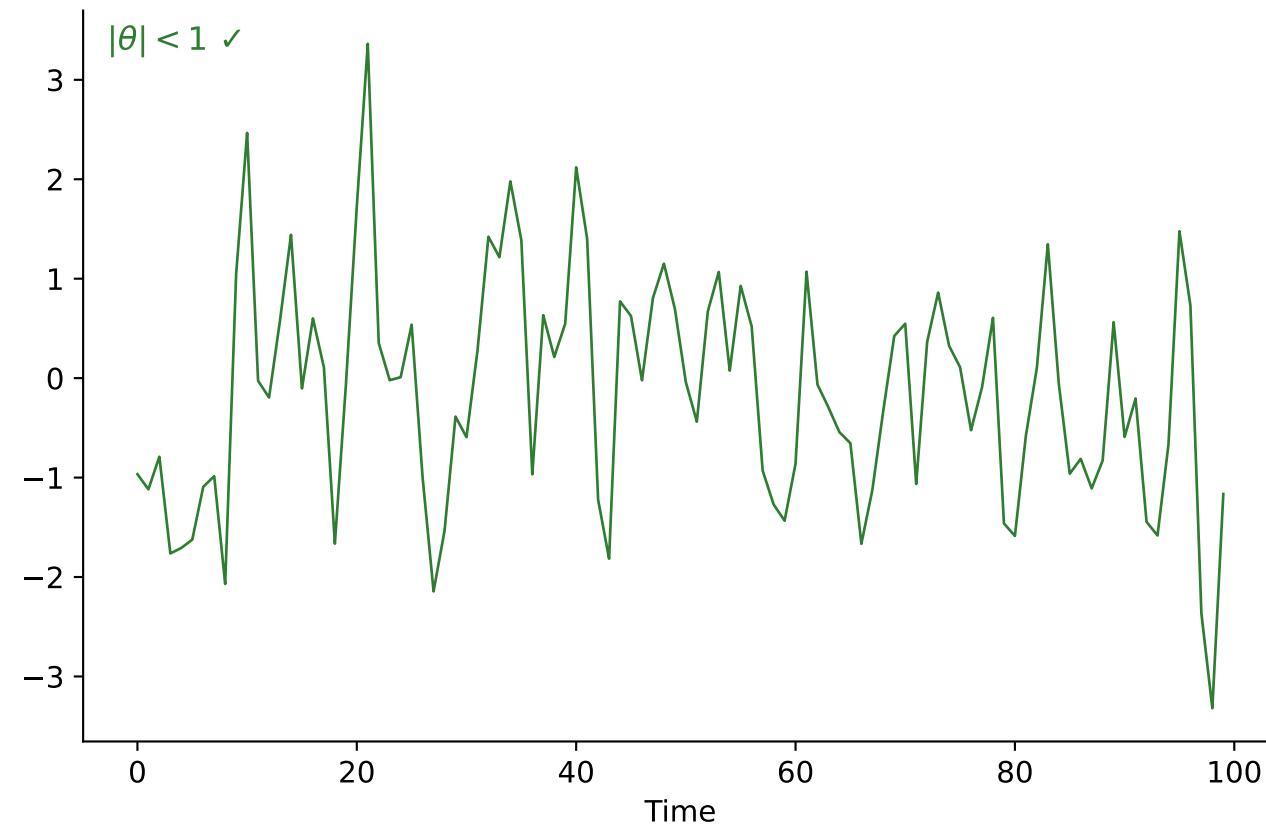
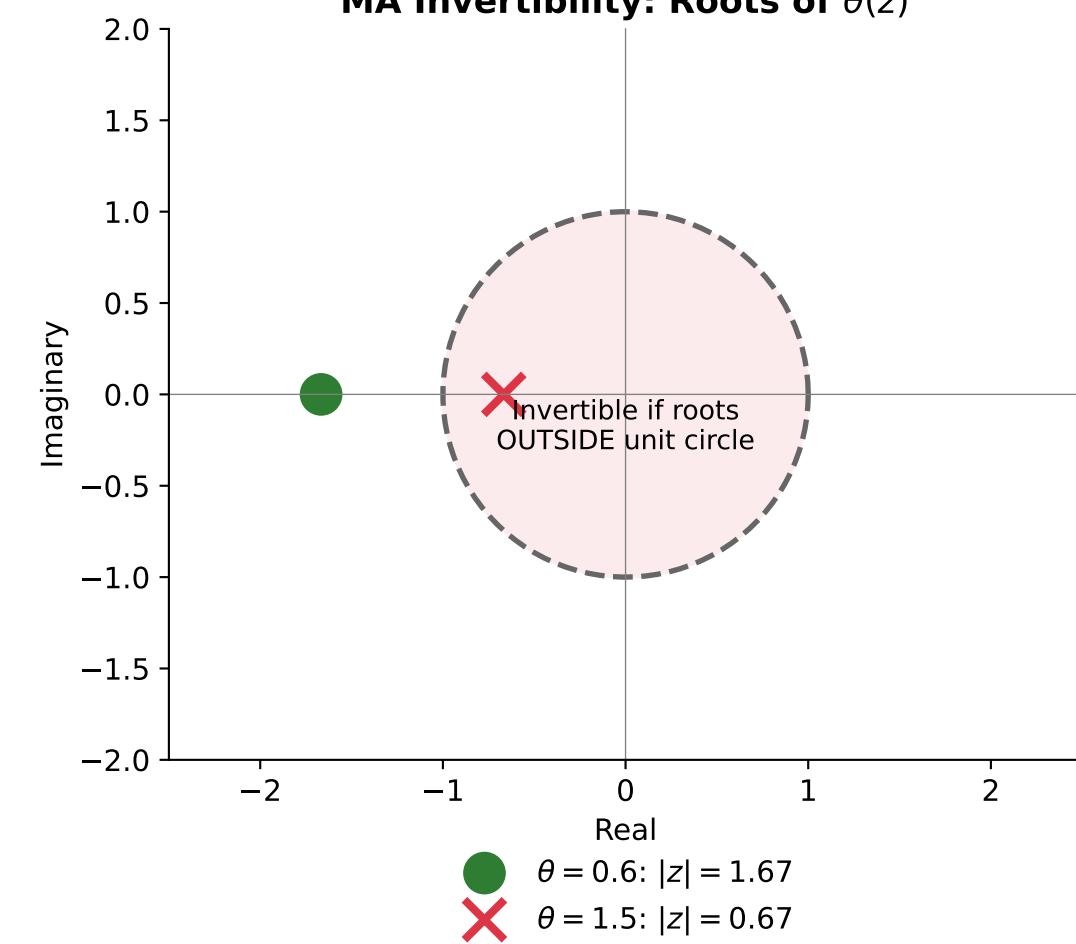


Invertible MA(1): $\theta = 0.6$ **Non-Invertible MA(1): $\theta = 1.5$**

MA(1) with $\theta = 1.5$
NOT INVERTIBLE
 $|\theta| > 1$

MA Invertibility: Roots of $\theta(z)$  **π -weights: $\pi_j = (-\theta)^j$** 