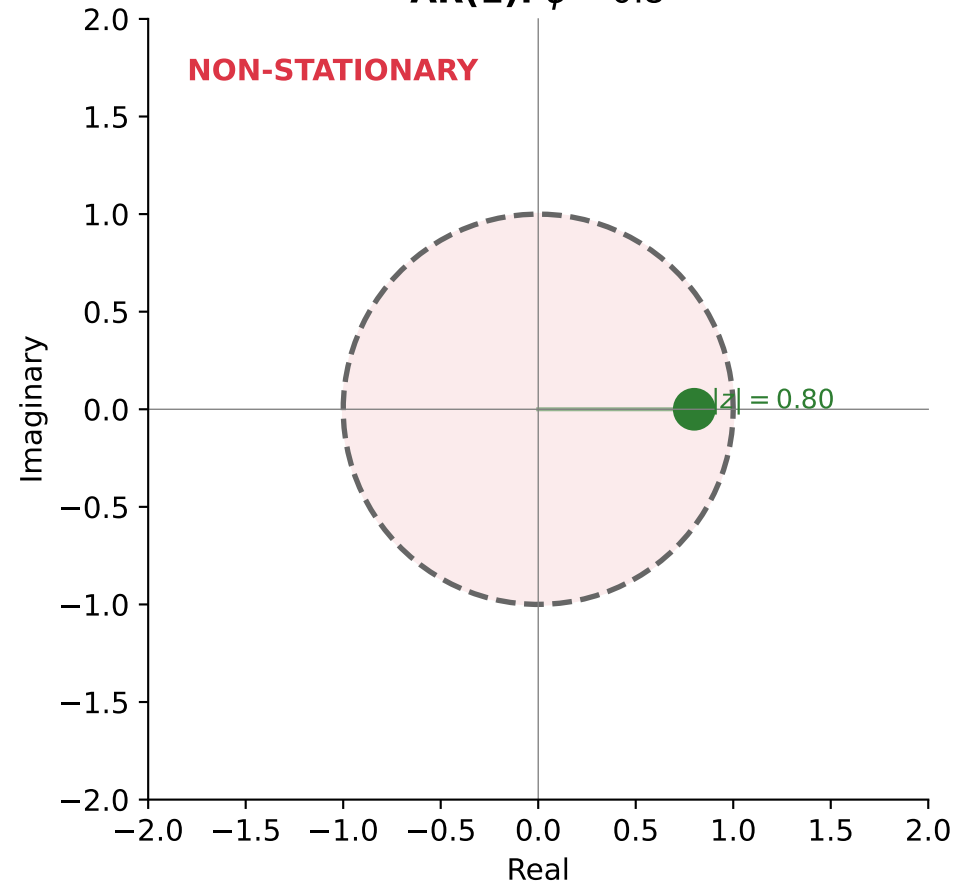
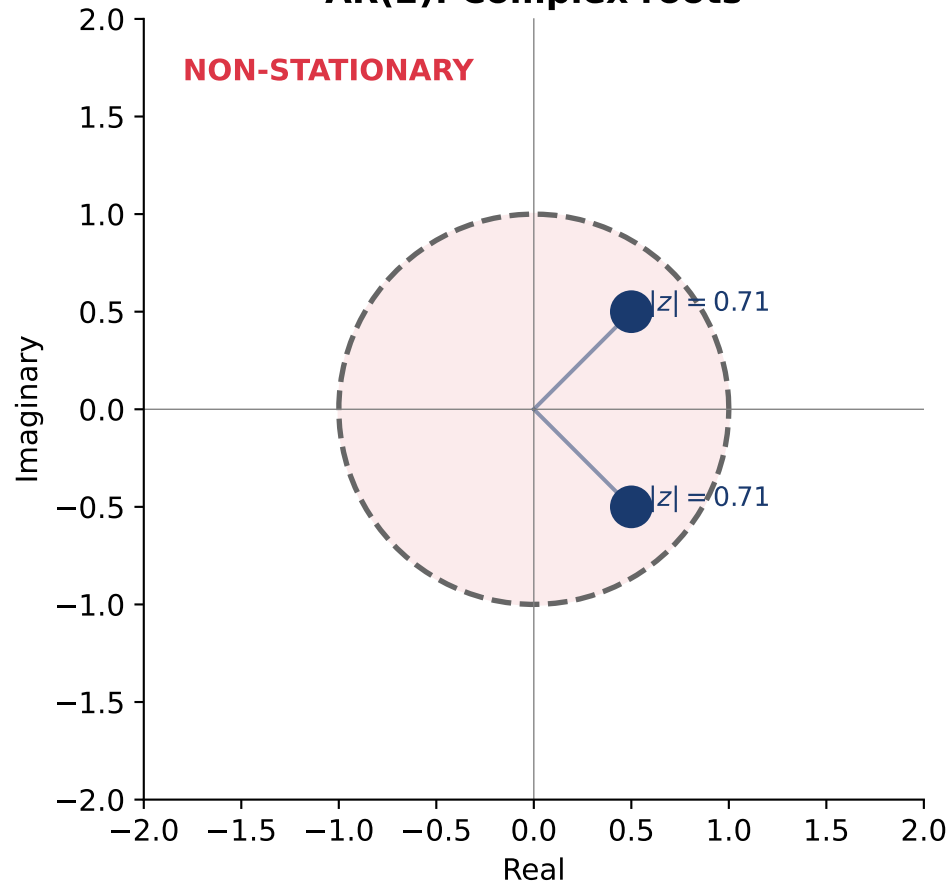


**AR(1):  $\phi = 0.8$**



**AR(2): Complex roots**



**AR(2): Real roots**

