$$A\bar{x} = \lambda \bar{x}$$

$$(2-\lambda)$$
 |  $(2-\lambda)$  |  $(2-\lambda$ 

$$(2-\lambda) \left[ (2-\lambda)^{2} - (-1) \right] + \left[ -(2-\lambda) \right]$$

$$(2-\lambda) \left[ (2-\lambda)^{2} + (1+2-\lambda) \right]$$

Positive defute b/c all eigenvolves are positive

Condition number: 3