For the proof 
$$z = \frac{\pi \xi}{J_1 - \xi^2}$$

Setting time  $ts = \frac{3}{\xi un} ts = \frac{4}{\xi un} ts = \frac{4$ 

Kp

kv Ka

 $QS = \frac{1}{Kv}$   $CSS = \frac{1}{Ka}$