

29.01.2020

ELL707

o Lecture notes / Tutorial problems

Nyquist / Bode plots allowed a prediction of when a linearized system with delay loses stability

+ qualitative ideas of how value of delay and gain affect stability



"jump" → does linear system oscillate?
transition to nonlinearity?

Yes, first order negative feedback with delay can give oscillations for some value of parameters (large delay)
ex. large n

Quiz 3

1. "A paragraph is a group of sentences that make a single point."

Write a paragraph on the problem that you plan to study in the course project.