

EE 231 first semester AY2021-2022 : Homework 03

1. Given $G(s)$ with system type j . What is j if $G(0) = k$ where k is a finite constant. Show for a general case and not just give examples. Show your complete derivation.
2. Given $G(s)$ with system type j . What is j if $G(0) = \infty$. Show for a general case and not just give examples. Show your complete derivation.