THE UNIVERSITY OF TEXAS AT SAN ANTONIO

EE 5143

LINEAR SYSTEMS AND CONTROL

QUIZ # 10

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Name:

Prove the controllability theory for continuous time, LTI systems. You should essentially proved that the controllability matrix should be full rank for the system to be controllable. We proved this definition for DT-LTI systems. You should prove it here for CT-LTI systems.

Your Solution:

Your Solution: