Q3 MATLAB and Simulink Basics

Prove your skill set in using tools for analytical calculations.

Q3.5 Matrices by TI-XX calculator and MATLAB

I can find the solutions for linear independent equations using the matrix function on my personal calculator (TI-XX) and compare it to the calculation in MATLAB. I was able to create a 4x3 matrix in MATLAB using the function a = [3 5 1 6; 2 9 3 7; 8 0 2 4;]. I then used the function rref(a) which solves the matrix shown to the right of the highlighted part of the matrix. I then used my TI-84 calculator and created the same matrix stored as the variable A and used its rref function which resulted in the same solutions as MATLAB.

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