**Date**: 29/Jun/2020

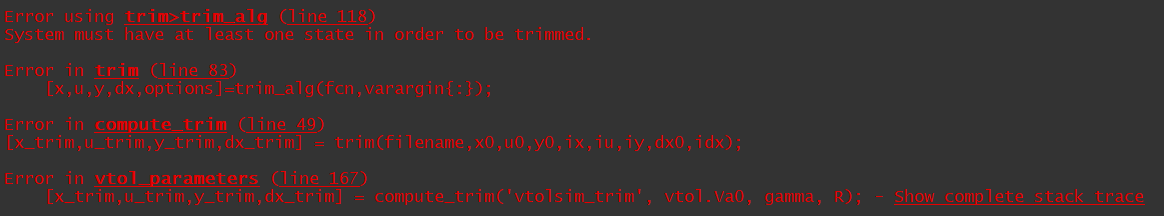
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**../3\_replacing\_S\_function\_with\_own\_rk4/**

* To understand the background first refer to “..\e\_version\3\_kin\_dyn\testcases\5\_replacing Sfunction with own rk4”.
* This folder was an attempt to run trimming algorithm while using own vtol\_dynamics (with own rk4 and sixDOF) instead of S-function.
* Main target for improvement in this case was “vtolsim\_trim.slx” model.
* When I run vtol\_parameters.m file which contains the line for trimming –



It throws errors as follows—



* **Unsuccessful.**

(Hence I thought of a Jugaad – I will use old trim file with S-function for trimming, whereas I will use my new vtol\_dynamics function with own rk4, sixDOF for solving the rest of the code – this strategy was implemented in “**\e\_version\6\_ap\testcases\results\case3\files**\”)