Simulation file: *github.com\mesutto\IMMD\Simulation\fault tolerance\****fault\_tolerance\_torque.m***

A balanced 3-phase drive under normal operation: (I’s and E’s are in-phase)



A balanced 3-phase drive under normal operation: (I’s are lagging E’s by 15 degrees)



1-phase fault (phase-C): The phase is open-circuited. Ic = 0.



1-phase fault (phase-C): The phase is open-circuited. Ic = 0.

Shift Ia by -30, Ib by +30, Multiply by sqrt(3)

