

Comparison of Theoretical and Experimental relation of the Formula Electric Car Physical Parameters of Load Torque, Supply Current and Motor Speed

Data Collected: 3-31-2017

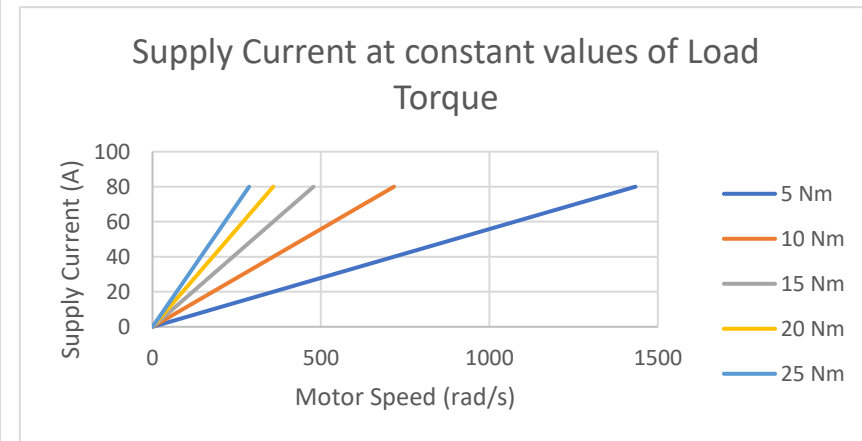
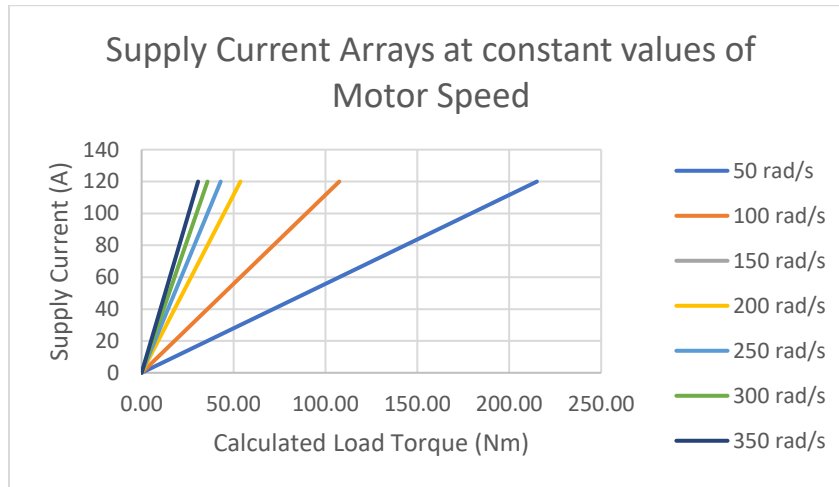


Zainab Hussein

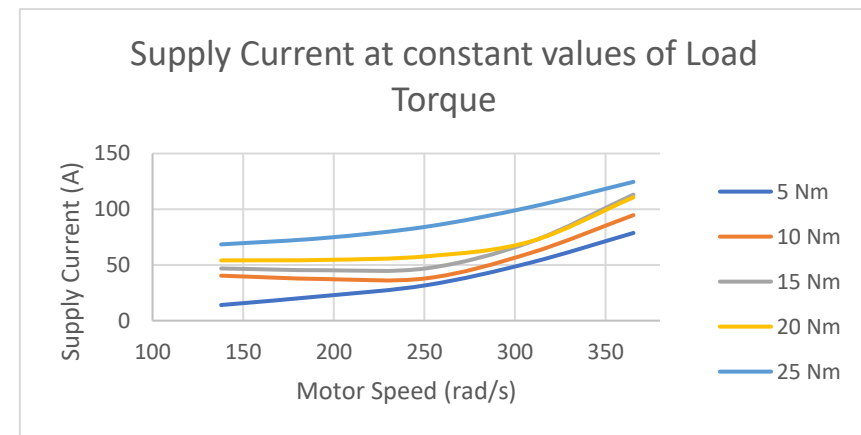
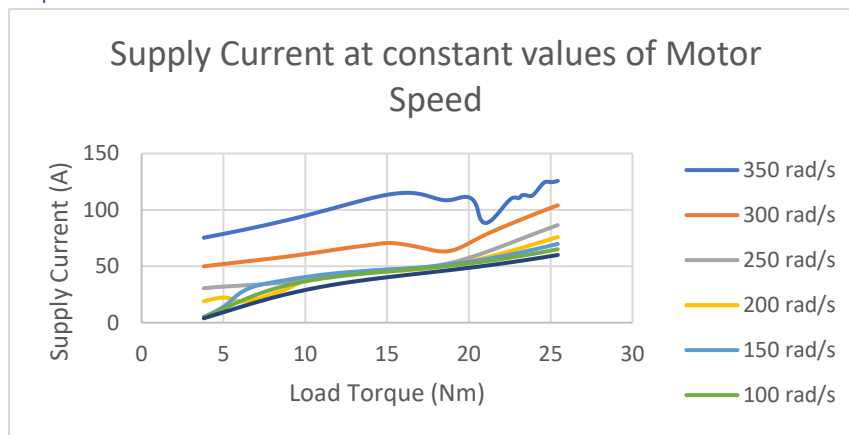
4-2-2017

Supply Current Arrays

Theoretical expectation

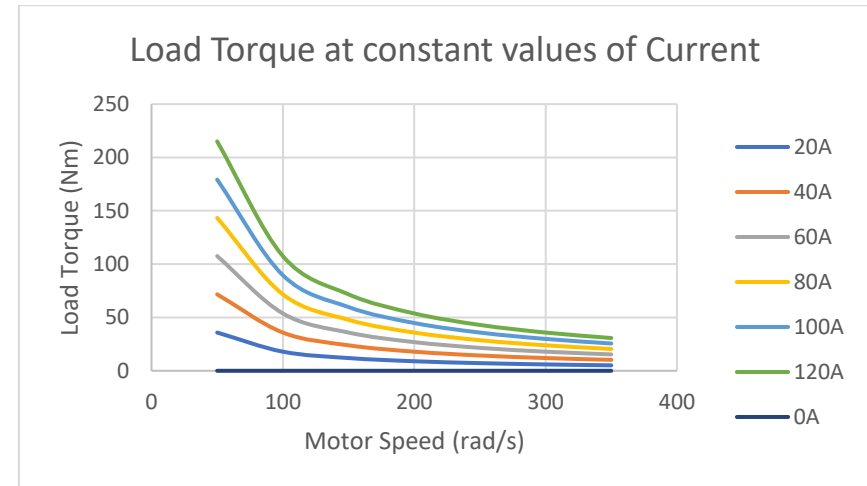
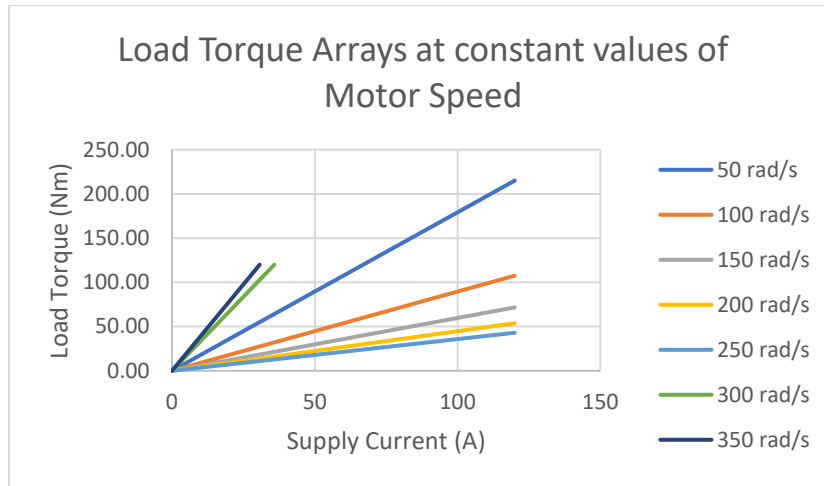


Experimental result

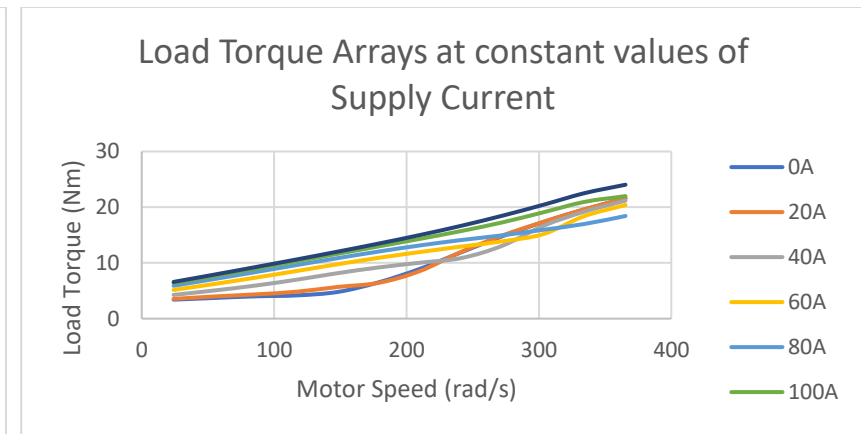
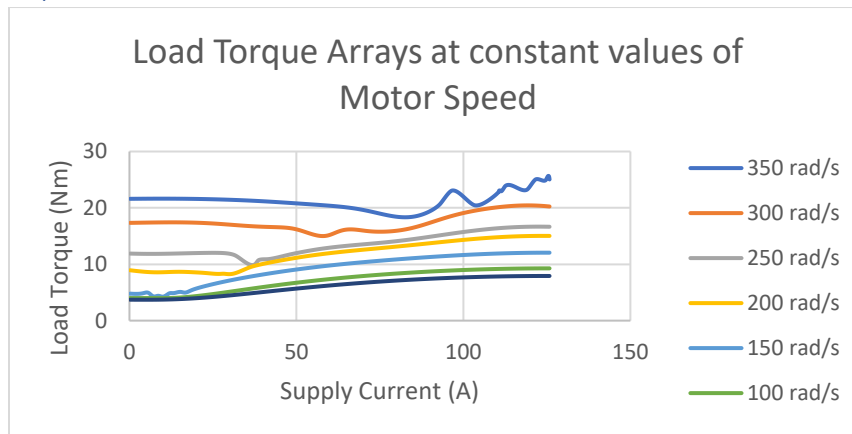


Load Torque Arrays

Theoretical expectation

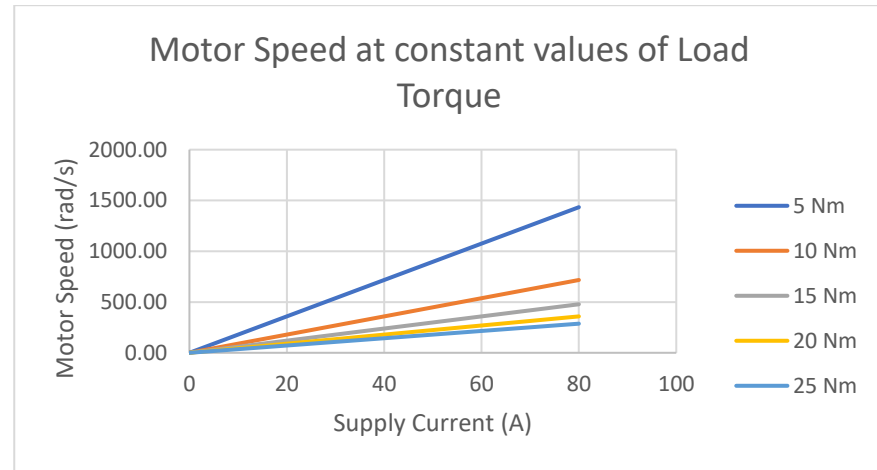
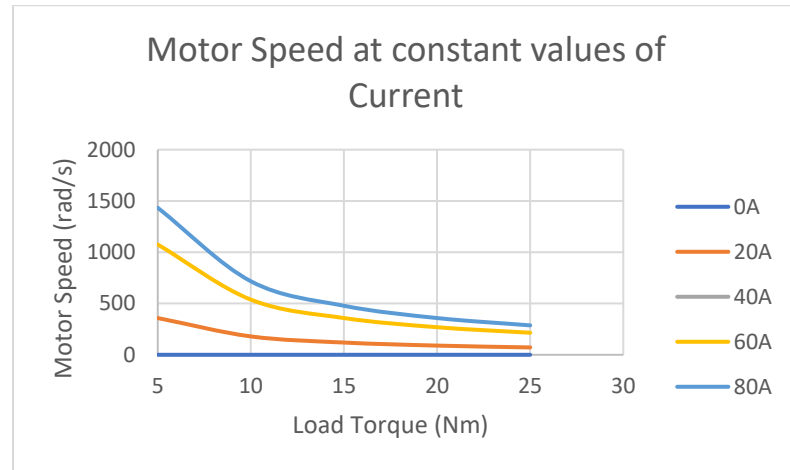


Experimental result



Motor Speed Arrays

Theoretical expectation



Experimental result

