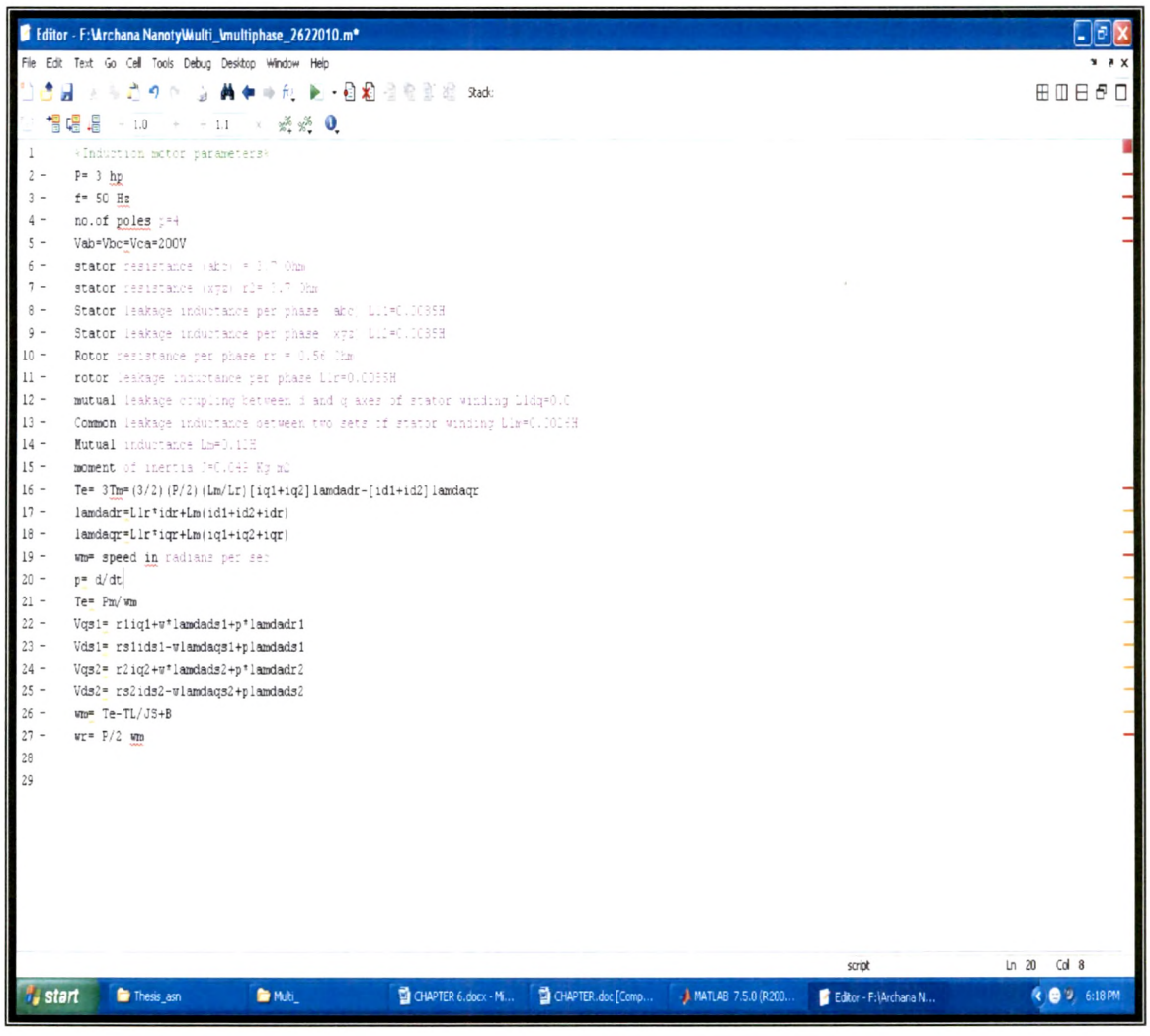
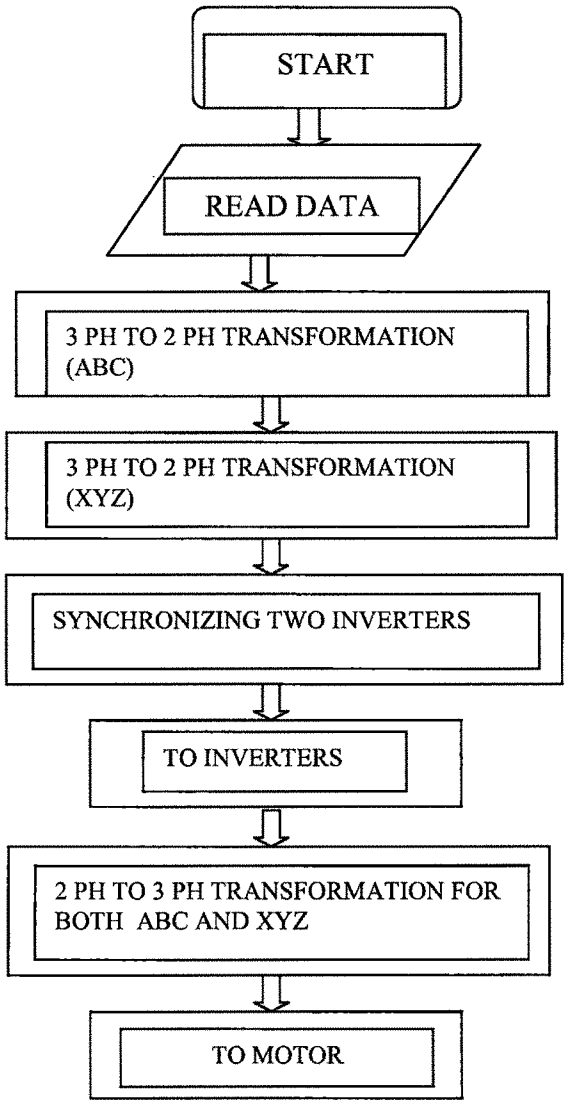
Appendix – II

APPENDIX- II

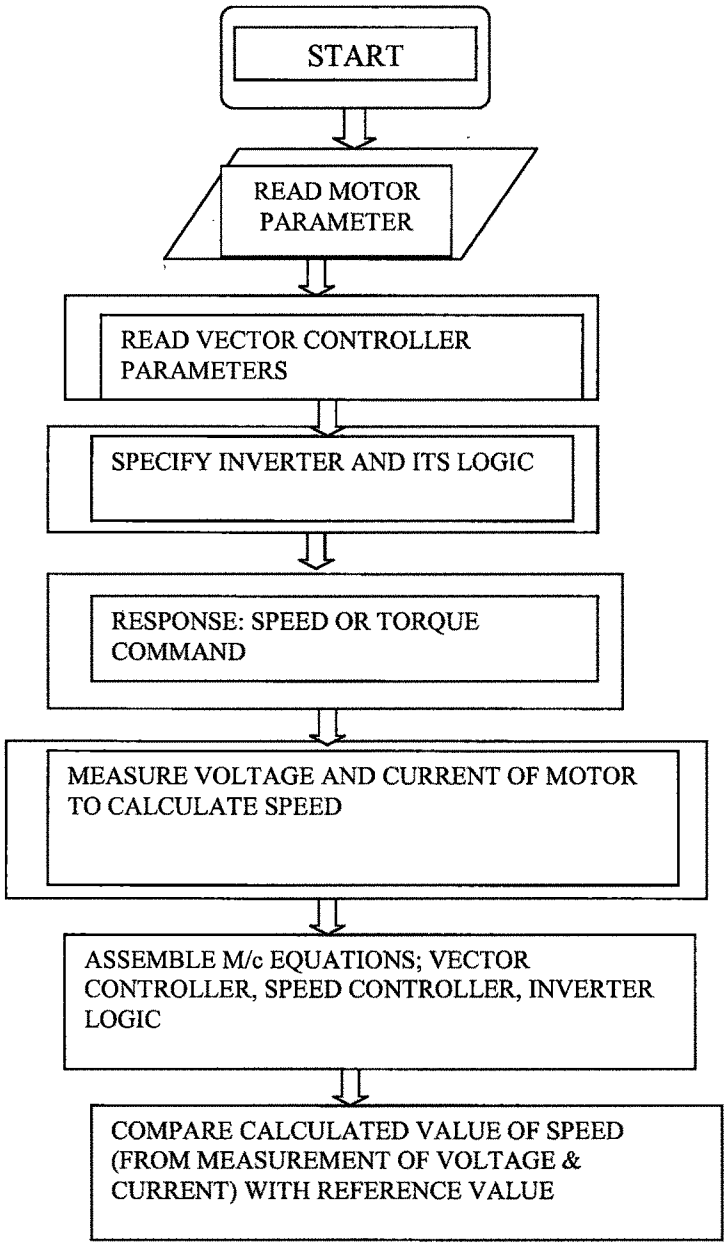
I] Matlab – software program in m-file for six phase Proto type Induction motor parameter:-



II] FLOW CHART FOR THREE PHASE TO TWO PHASE TRANSFORMATION

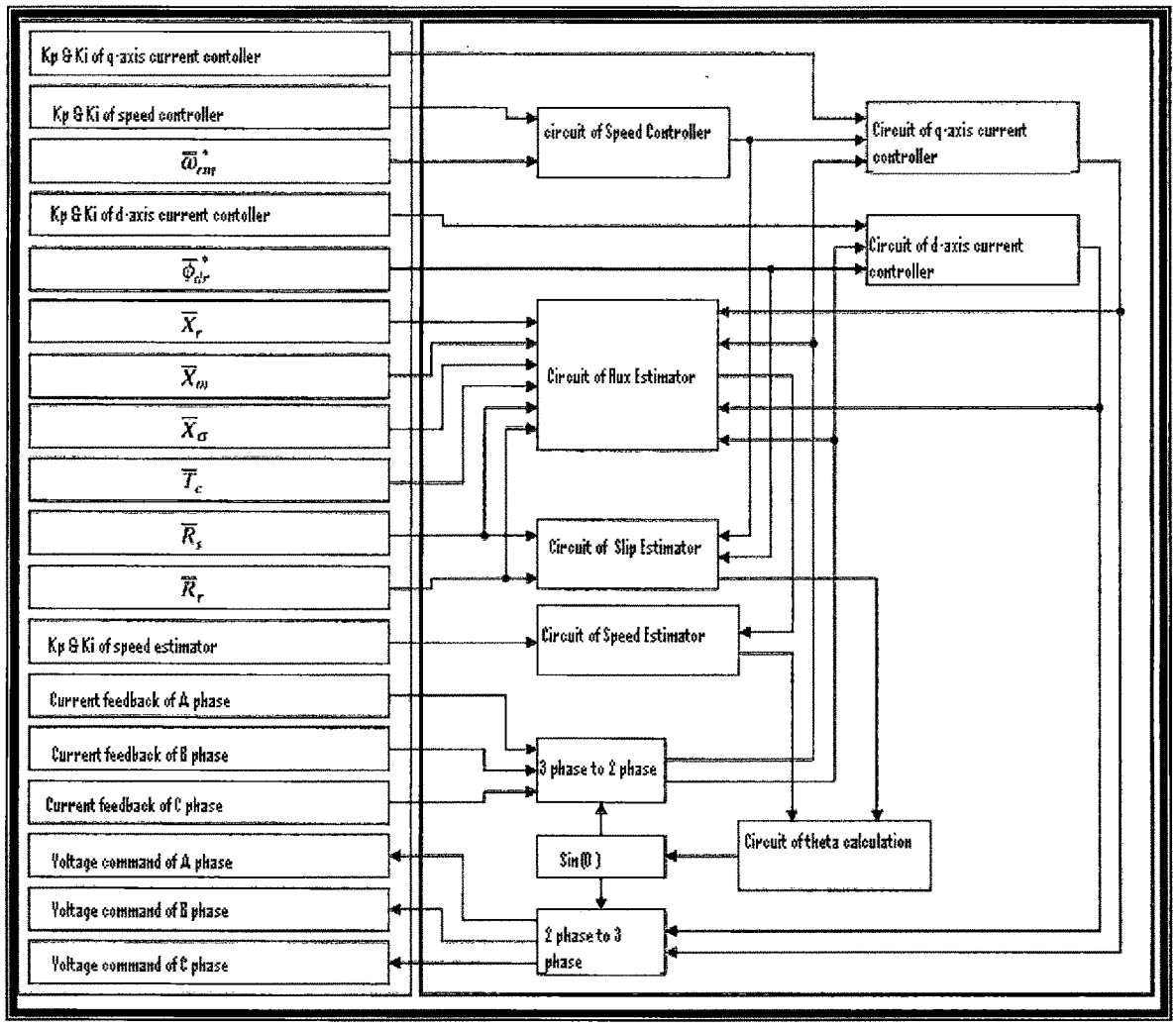


III] FLOW CHART FOR VECTOR CONTROL



IV] FPGA Implementation

A:-FPGA implementation of Sensor-less vector control Algorithm (For three phase set ABC)

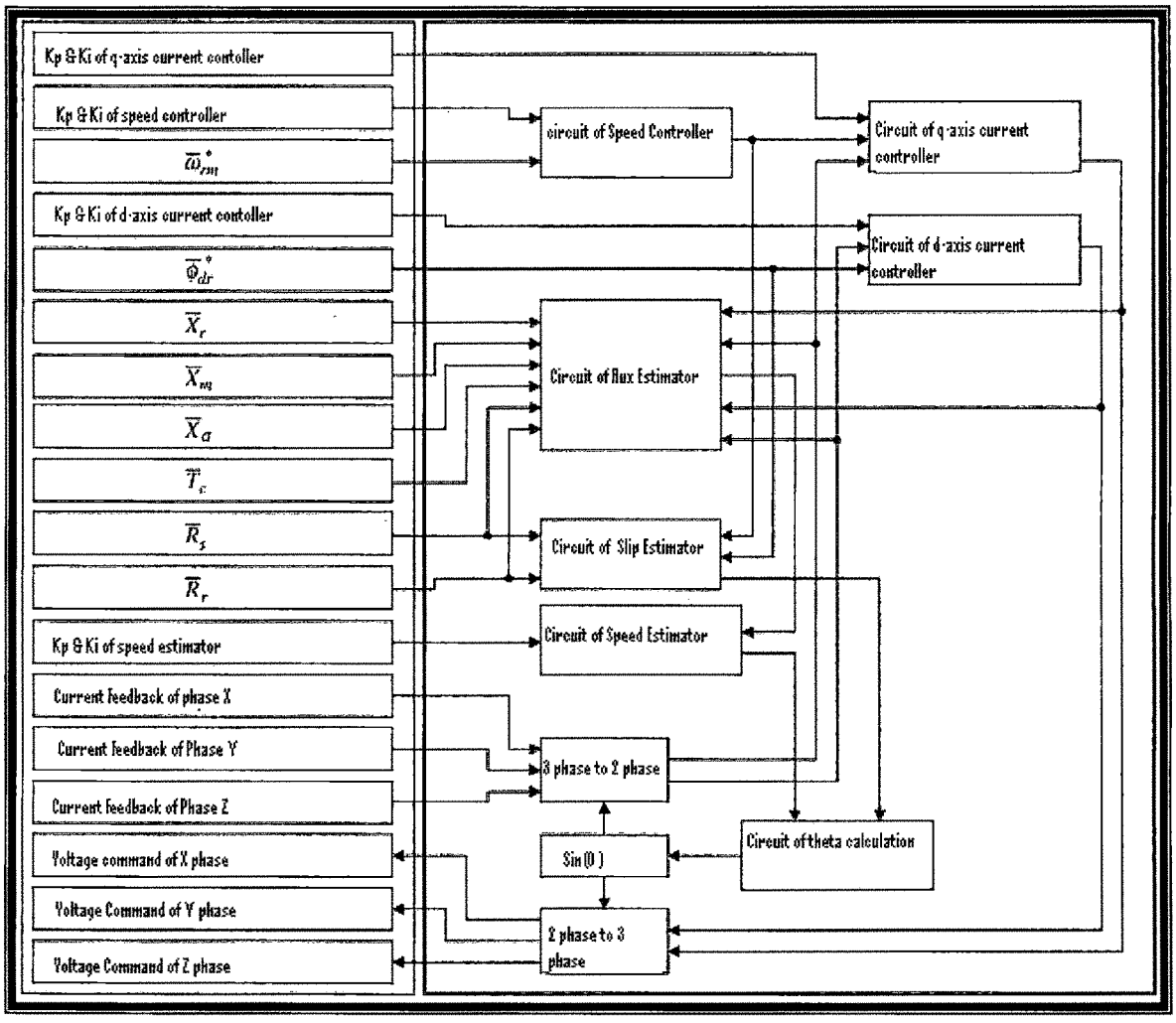


Interface between FPGA and Microprocessor

FPGA Implementation

B:-FPGA implementation of Sensor-less vector control

Algorithm (For three phase set XYZ)



Interface between FPGA and Microprocessor

FPGA Implementation