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LIST OF ABBREVIATIONS

SBSRM = Self-bearing Switched Reluctance motor

RTIO = Real time input output controller

FLC- Fuzzy Logic Controller

FP= Fuzzy Proportional controller

FI= Fuzzy integral controller

FD= Fuzzy derivative controller

MF = Member ship Function

IC = Input-Combinations

T_{max} = maximum Torque

T_{min} = minimum Torque

i_{xp} = Positive x- directional levitation current

i_{xn} = Negative x- directional levitation current

i_{yp} = Positive y- directional levitation current

i_{yn} = Negative y- directional levitation current

PM = Permanent Magnet