\newacronym(V(t)){}(Applied voltage)

\newacronym{L}{Armature self inductance}

\newacronym{R}{Armature resistence}

\newacronym{\(V\_{b}\)}{Back emf constant}

\newacronym{\(\theta\_{m}\)}{Mechanical rotor angle}

\newacronym{\(\tau\_{m}\)}{Generated torque}

\newacronym{\(\tau\_{l}\)}{Load torque}

\newacronym{i(t)}{Induced current}

\newacronym\(V\_{L}\){Inductance times derivative of induced current}

\newacronym{\(V\_{R}\)}{Resistence times induced current}

\newacronym{\(V\_{emf}\)}{Back induced electromotive force}

\newacronym{ \omega(t)}{Angular velocity seen at shaft}

\newacronym{\(\(K\_m\)}{Torque constant}

\newacronym{u(t)}{Torque seen at the shaft}

\newacronym{Z}{Rotation around Z-axis}