%% double click to execute

```
Data_Ts = 0.005;
```

%% double click to execute

```
Ts = 0.000250;
Tpwm = Ts;
Tfixe = 500e-6;
```

%% double click to execute

```
J = 0.045;
wrinit = 2*pi*0;
thrinit = 0;
Jm = J;
```

%% double click to execute

```
Rs = 1.5; Rr = 0.9;
Ls = 0.160; Lr = 0.160; Lm = 0.153;
Lfs = 0.007; Lfr = 0.007; Lmt = 0.210; P1 = 0.7; P2 = 1.5;
np = 2;
Psdnom = 0.95; Uo = 15; Ulim = 415*sqrt(2/3);
Psinit = [ 0 ; 0 ]; Prinit = [ 0 ; 0 ];
Inom = 9.1; Prdnom = 1; SLP_Coeff = 100; Vnom = 400;
SFC_Coeff = 100;
```

%% double click to execute

```
tauL = 25;
wL = 2*pi*0;

wCurr = 0;
wSpeed_PI = 2*pi*2.5; xiSpeed_PI = 1;
wCurr_PI = 2*pi*50; xiCurr_PI = 1/2;
wSpeedEst = 2*pi*500;

wn = 2*pi*50;
Tn = 25;
```