|  |  |  |  |
| --- | --- | --- | --- |
| Процедура | Название в Delphi | Входные данные | Выходные данные |
| F | | | |
| Set up transfer function | SetUpTransfer | R – Extended  Cb – Extended  Cf – Extended  Lf – Extended | H - Extended |
| G | | | |
| Harmonics to be evaluated | EvalHarmonic | p – Extended  omega – Extended  w – Extended | np – Extended  w – Extended  freq – Extended |
| Harmonic winding and skew factors | HarmWind\_SkewFac | p – Extended  Ns – Extended  Nsct – Extended  Nsfp – Extended  n – Extended  m – Extended  thsk – Extended  ths – Extended  R – Extended  hm – Extended  g – Extended  np – Extended  A – Extended | kgn – Extended |
| Calculate magnetic flux and internal voltage | MagnFlux\_InVol | thm – Extended  P – Extended  Bg – Extended  n – Integer  kgn – Extended  Rs – Extended  Lst – Extended  Na – Extended  kwn – Extended  kn – Extended  omega – Extended  Ean – Extended  Eah – Extended | Fan – Extended  THD – Extended |
| Generate wave forms | WaveFormsGen | P – Extended  ang – Extended | Eaout – Extended  Bout – Extended |
| Plot waveforms | PlotWaveForms | Bout – Extended  CB – Extended  Rotor Angle – Extended  Fout – Extended  V – Extended |  |
| H | | | |
| Calculate retaining sleeve stesses | CalcRetSlStesses | R – Extended  hm – Extended  omega – Extended  p – Extended  Mm – Extended  Vmag – Extended  Lst – Extended | Stain – Integer  Alum – Integer  Titan – Integer  CarFib – Integer  Inconel – Integer  SF – Extended  Fm – Extended  Phoor – Extended |
| Hoop Stress(in general, str = P \* R/t) | I – integer  Phoop – Extended  R – Extended  hm – Extended  Patopsi – Extended  SF – Extended |  |  |
| Output results | OutResults |  |  |
|  |  |  |  |