```
{d = d0: v = v0: ed = ed0: ev = ev0:}
                                                                    Spacing Control
Speed Control
                                                 [ed < 10 + 2*ev]
du:
                                                                     du:
                                                                     d dot = -v+vI:
d dot = -v+vI:
                                                                     v dot = 2*vl - v - ev - 0.25*(10 + 2*ev - ed);
v dot = 2*vl - v - ev:
                                                                     ed dot = vI - ev + 10*(d + nrad - ed);
ed dot = vI - ev + 10*(d + nrad - ed);
                                                                     ev dot = 2*vI + v - 3*ev + 0.5*(ngps + nenc) - 0.25*(10 + 2*ev - ed);
ev dot = 2*vl + v - 3*ev + 0.5*(ngps + nenc);
                                                                     d out = d:
d out = d:
                                                                     v out = v;
v out = v;
                                                                     ed out = ed;
ed out = ed;
                                                 [ed >= 10 + 2*ev]
ev out = ev;
                                                                     ev out = ev;
  [abs(ngps-nenc) > 7.18316]
                                                                                       [abs(ngps-nenc) > 7.18316]
                                                                     Spacing Control copy
Speed Control copy
du:
                                                                     du:
                                                 [ed < 10 + 2*ev]
                                                                     d dot = -v+vI:
d dot = -v+vI;
                                                                     v dot = 2*vl - v - ev - 0.25*(10 + 2*ev - ed);
v dot = 2*vl - v - ev:
ed dot = vl - ev + 10*(d + nrad - ed);
                                                                     ed dot = vl - ev + 10*(d + nrad - ed);
                                                                     ev dot = 2*vl + v - 3*ev + 0.5*(nenc + nenc) - 0.25*(10 + 2*ev - ed);
ev dot = 2*vl + v - 3*ev + 0.5*(nenc + nenc);
                                                                     d out = d;
d out = d;
                                                                     v out = v:
v out = v;
                                                                     ed out = ed;
ed out = ed:
ev out = ev;
                                                 [ed >= 10 + 2*ev]
                                                                     ev out = ev;
```