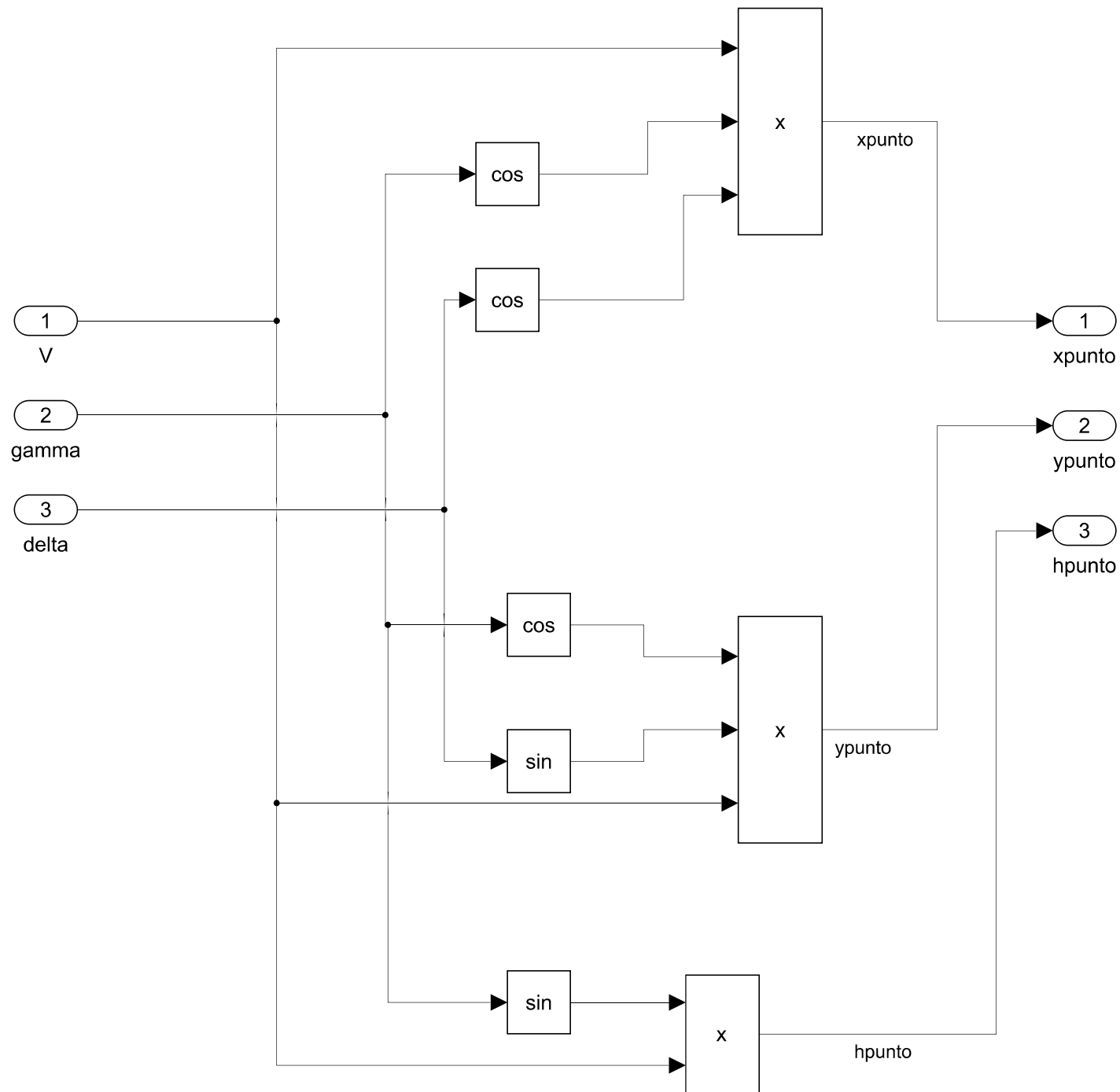
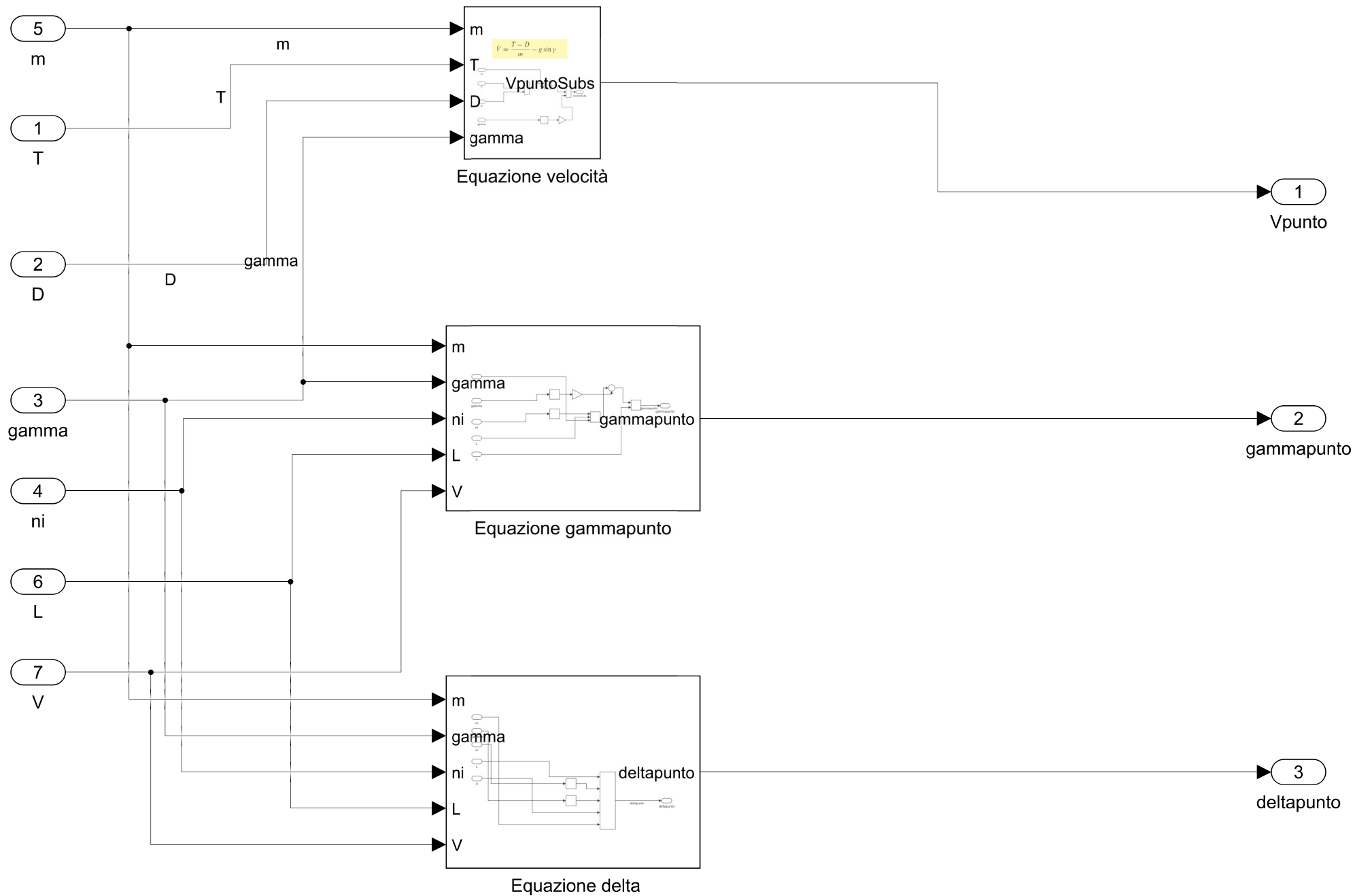
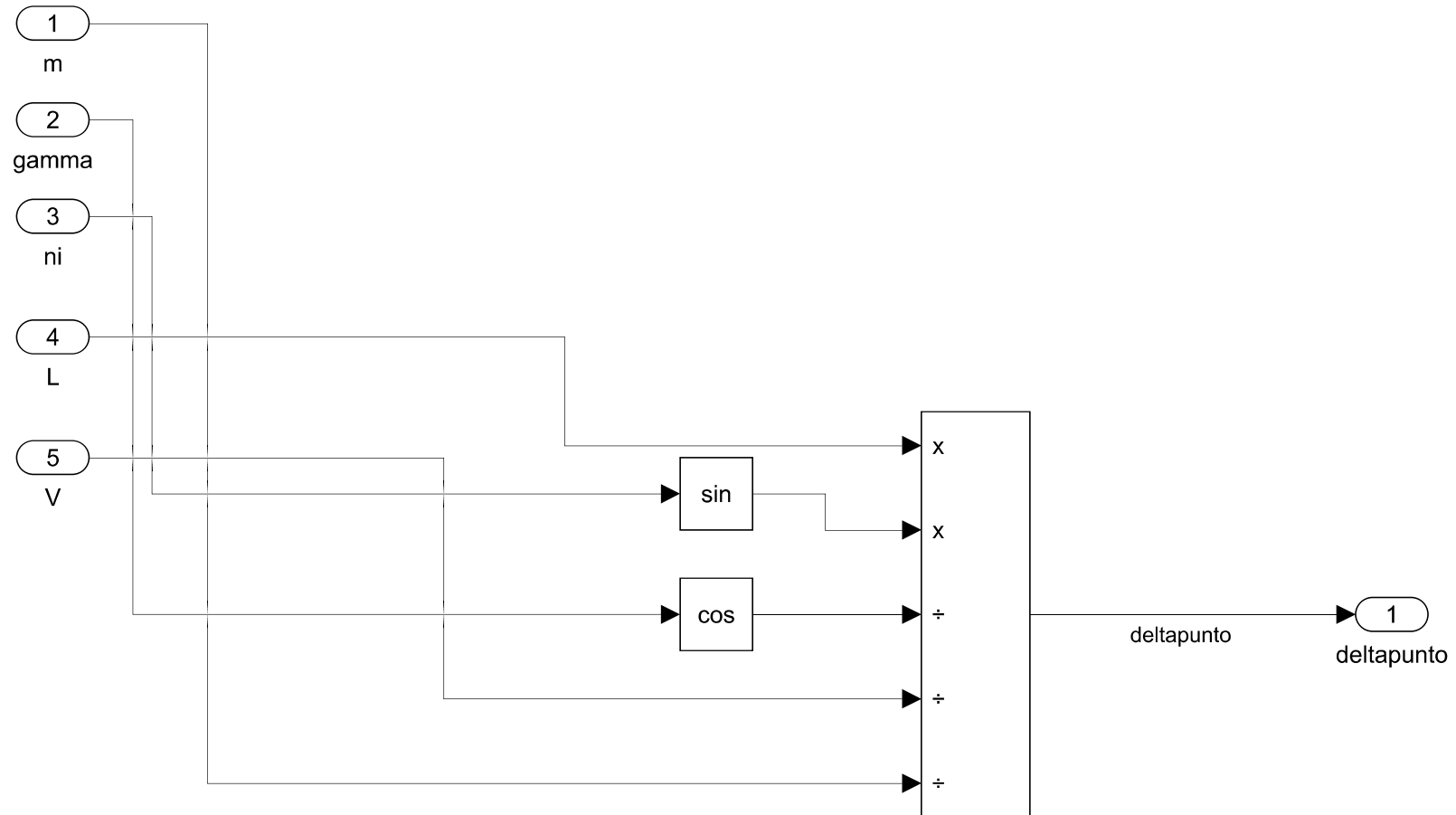
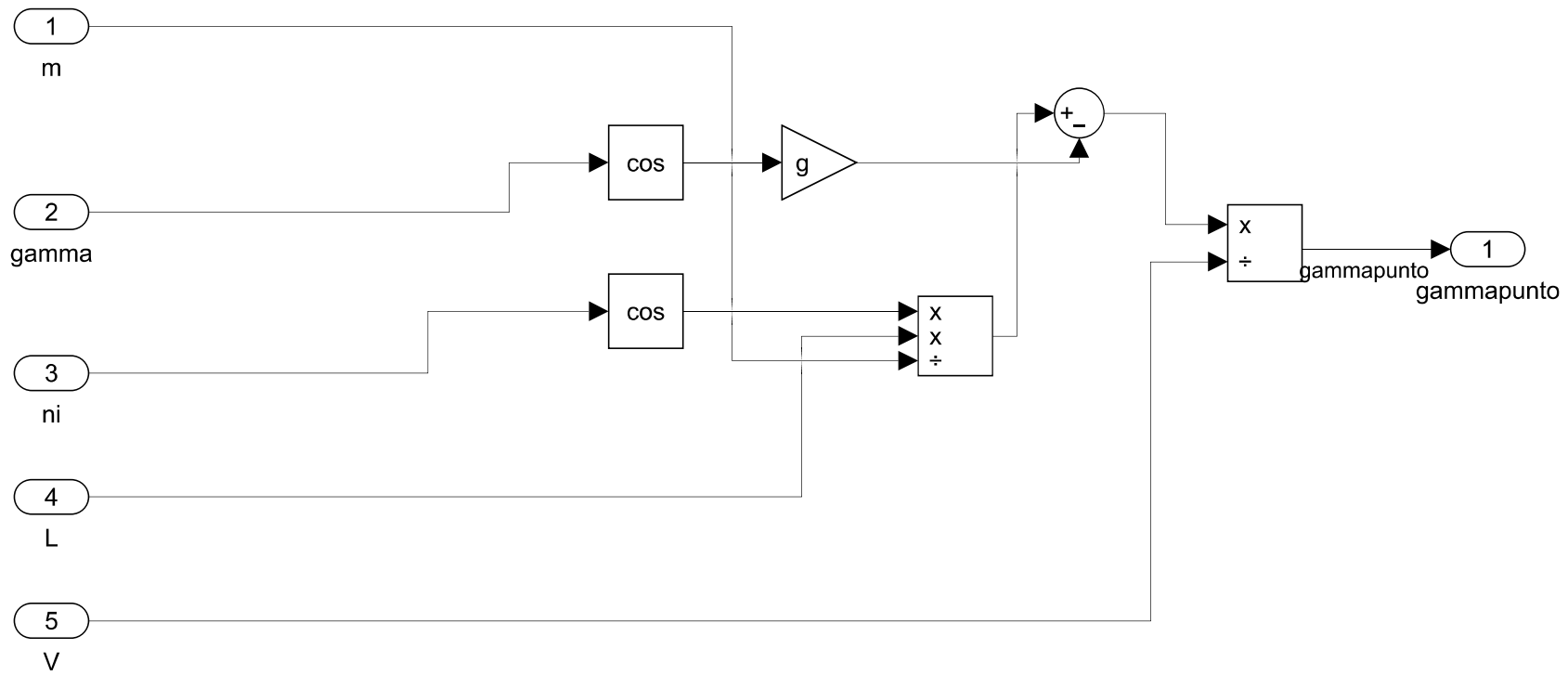


```
function KL = fcn()  
S=280;  
CLalpha=5.73;  
KL=2/(S*CLalpha);
```

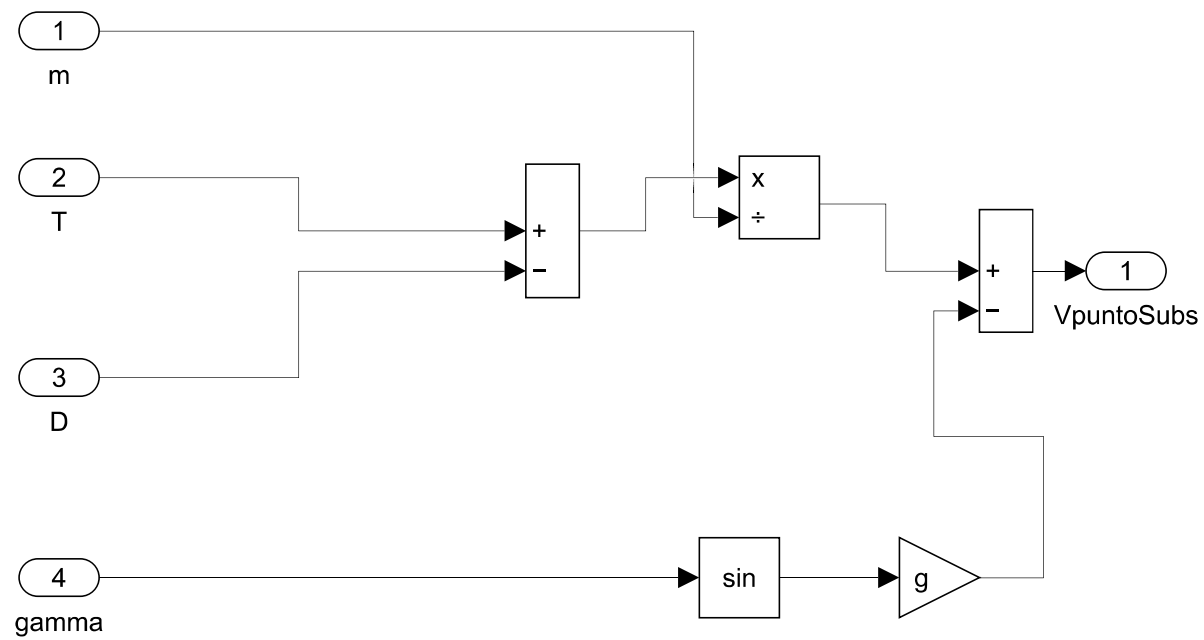




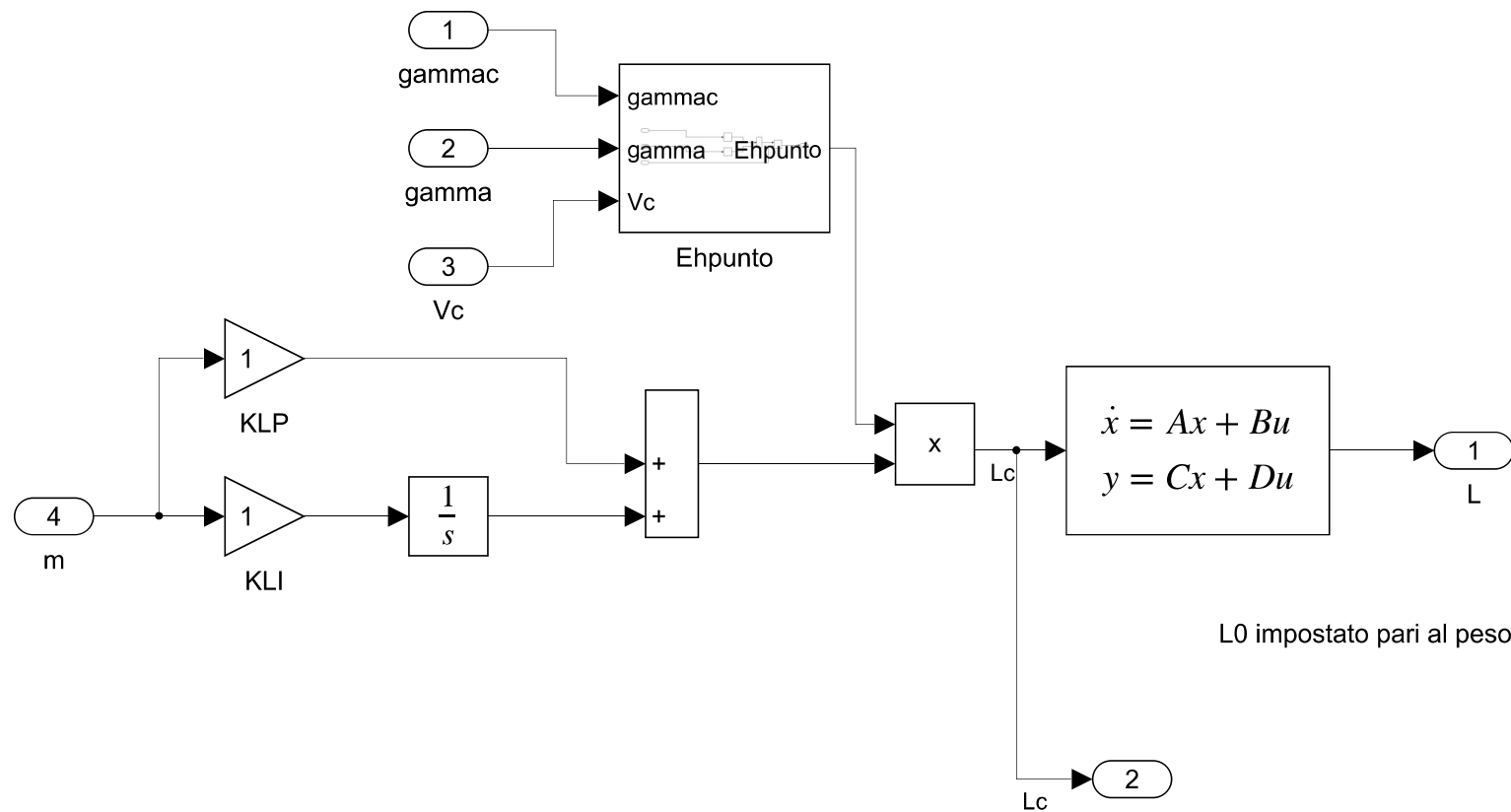




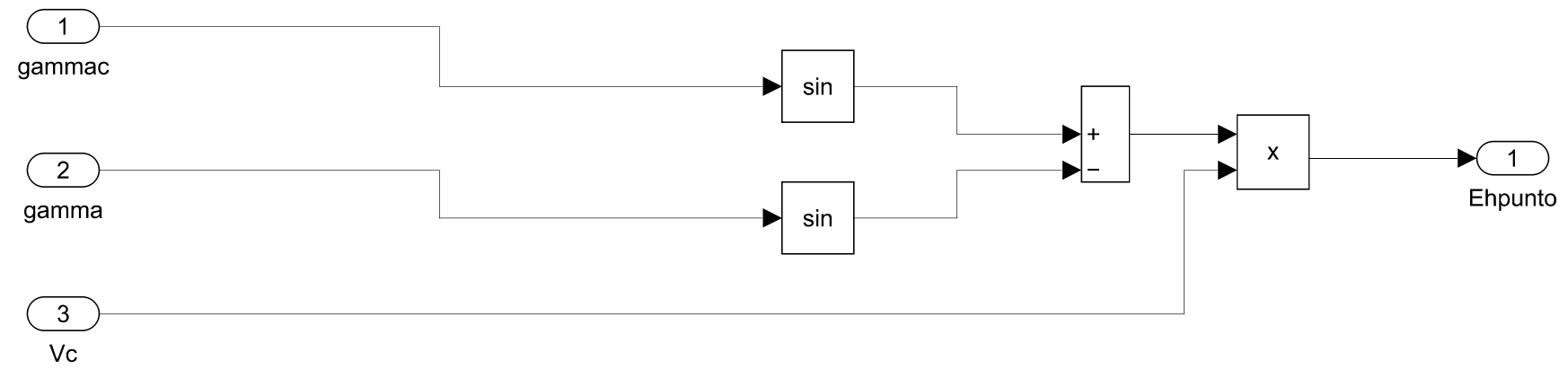
$$\dot{V} = \frac{T - D}{m} - g \sin \gamma$$

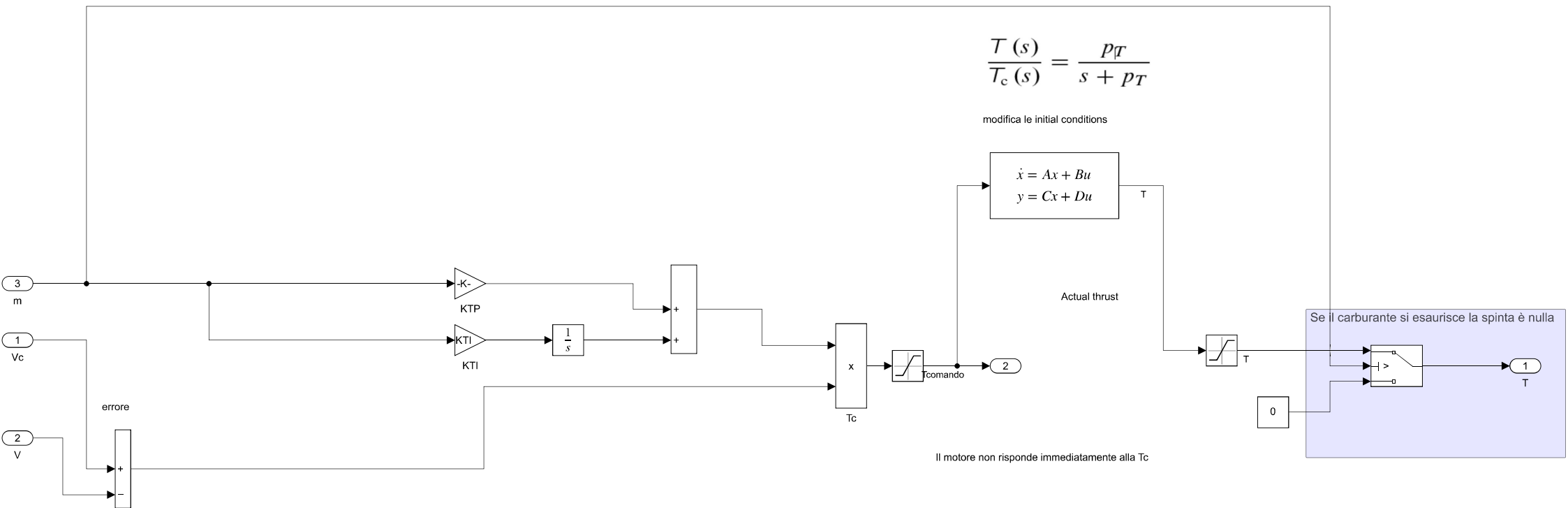


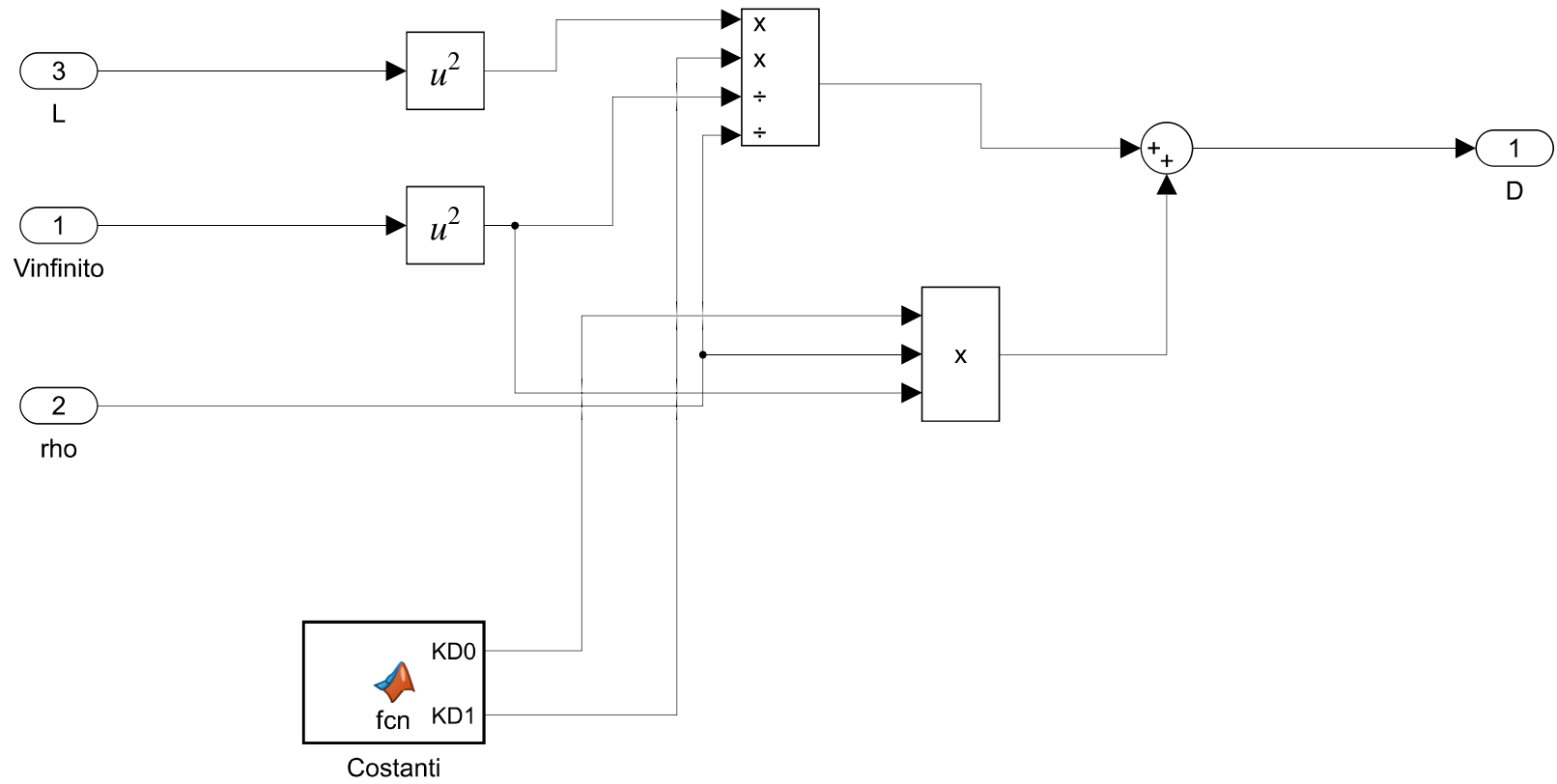
$$\frac{L_c(s)}{E_h(s)} = \frac{m K_{LP} (s + K_{LI} / K_{LP})}{s}$$



L_0 impostato pari al peso dell'aereo







```
function [KD0, KD1] = fcn()  
    S=280;  
    AR=7.082;  
    CD0=0.020;  
    eff=0.95;  
    KD0=0.5*S*CD0;  
    KD1=2/(S*pi*AR*eff);  
end
```

$$V_{\infty}^2 = V_{x_{E,\infty}}^2 + V_{y_{E,\infty}}^2 + V_{z_{E,\infty}}^2$$

$$= \left(V_{x_{E,w}} - V \cos \gamma \cos \delta \right)^2 + \left(V_{y_{E,w}} - V \cos \gamma \sin \delta \right)^2 + \left(V_{z_{E,w}} + V \sin \gamma \right)^2$$

