```
s = tf('s');

G = 820/(s*(s+10)*(s+20));   % Open-loop/plant.
H = 1;                       % Feedback
GH = G/(1+G*H);             % Closed-loop.

dom_poles = ELAB.dominant(GH) % Dominant poles.
```

```
dom_poles = 2×1 complex
   -3.5964 + 4.7979i
   -3.5964 - 4.7979i
```

```
[wn, zeta] = ELAB.damp(GH) % Natural frequency and damping ratio
```

```
wn = 5.9961
zeta = 0.5998
```

```
[order, type] = ELAB.order_type(G) % Order and type of plant.
```

```
order = 3
type = 1
```

```
[Kp, Kv, Ka] = ELAB.static_error_K(G) % Static error constant of plant.
```

```
Kp = Inf
Kv = 4.1000
Ka = 0
```