

$$7 > \dot{m}_{ox} = \sqrt{\frac{P_{tr} - P_H}{Z}}$$

$$\therefore P_{tr} = (\dot{m}_{ox}^2) Z + P_H$$

$Z \rightarrow$ Resistance in oxidiser path.
flow (default = 1)

8 > initialize time steps

a) Find impulse, specific impulse

\rightarrow Add throat erosion

\rightarrow Add instabilities.