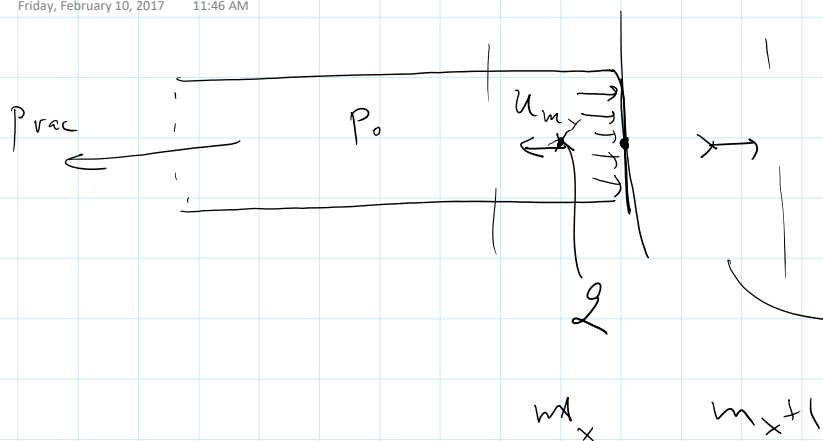


# Moving mesh computations, boundary conditions

Friday, February 10, 2017 11:46 AM



Ghost cell method  
of imposing boundary  
condition

ghost cell with  
fictitious state  $Q_{m_x+1}$  to  
impose the desired B.C.'s.

$$P A = F = M \frac{ds}{dt}$$

$$v(t=0) = 0$$

$$Q_H^{n+1} = Q_H^n + \frac{P A}{M} \Delta t$$