$$egin{cases} rac{oldsymbol{u}^* - oldsymbol{u}^n}{\Delta t} = oldsymbol{R} oldsymbol{H} oldsymbol{S}^n \ rac{oldsymbol{u}^{n+1} - oldsymbol{u}^*}{\Delta t} = -rac{
abla p^{n+1}}{
ho} \
abla \cdot oldsymbol{u}^{n+1} = 0 \end{cases}$$