1: 
$$u_h = u_h^0$$
  
2:  $r_h = \hat{u}_h - M_h u_h$   
3:  $u_{2h} = u_{2h}^0$   
4:  $\hat{u}_{2h} = I_h^{2h} r_h$   
5:  $r_{2h} = \hat{u}_{2h} - M_{2h} u_{2h}$   
6:  $u_{2h} = u_{2h} + I_{4h}^{2h} M_{4h}^{-1} I_{2h}^{4h} r_{2h}$   
7:  $u_{2h} = u_{2h} + 0.6 \cdot D_{2h}^{-1} (\hat{u}_{2h} - M_{2h} u_{2h})$   
8:  $u_h = u_h + I_{2h}^h u_{2h}$