

$$\mathbb{L} = \begin{pmatrix} \frac{9}{20} \cdot \frac{1}{2} & \frac{9}{20} \cdot 4 & \frac{9}{20} \cdot 2 & 0 & 0 & 0 \\ 0.75 & 0 & 0 & 0 & 0 & 0 \\ 0 & 0.5 & 0 & 0 & 0 & 0 \\ \frac{11}{20} \cdot \frac{1}{2} & \frac{11}{20} \cdot 4 & \frac{11}{20} \cdot 2 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0.5 & 0 & 0 \\ 0 & 0 & 0 & 0 & 0.25 & 0 \end{pmatrix}$$

$$B(t_0) = (225, 175, 100, 275, 200, 50)^T$$

$$B(t_1) = \mathbb{L} \cdot B(t_0) = \begin{pmatrix} 455.625 \\ 168.750 \\ 87.500 \\ 556.875 \\ 206.250 \\ 50.000 \end{pmatrix}$$

Alter x	$B_{w,x}(t_1)$	$B_{m,x}(t_1)$	$B_x(t_1)$
0	456	557	1013
1	169	207	376
2	88	50	138