

$$M=2$$

$$3h_2 = 2h_1 + h_3$$

$$3h_3 = 2h_2 + h_4$$

$$3h_4 = 2h_3 + h_5$$

$$3h_5 = 2h_4 + h_6$$

$$3h_6 = 2h_5 + h_7$$

$$3h_7 = 2h_6 + h_8$$

$$3h_8 = 2h_7 + h_9$$

$$3h_9 = 2h_8 + h_{10}$$

$$h_{10} = 10$$

$$h_{10} + 0 + 0 + 0 + 0 + 0 + 0 + 0 + 0 + 0 = 10$$

$$0 + 3h_2 - h_3 + 0 + 0 + 0 + 0 + 0 + 0 + 0 = 0$$

$$0 - 2h_2 + 3h_3 - h_4 + 0 + 0 + 0 + 0 + 0 + 0 = 0$$

$$0 + 0 - 2h_2 + 3h_4 - h_5 + 0 + 0 + 0 + 0 + 0 = 0$$

$$0 + 0 + 0 - 2h_4 + 3h_5 - h_6 + 0 + 0 + 0 + 0 = 0$$

$$0 + 0 + 0 + 0 - 2h_6 + 3h_7 - h_8 + 0 + 0 + 0 = 0$$

$$0 + 0 + 0 + 0 + 0 - 2h_7 + 3h_8 - h_9 + 0 = 0$$

$$0 + 0 + 0 + 0 + 0 + 0 - 2h_8 + 3h_9 + 0 = 0$$

$$0 + 0 + 0 + 0 + 0 + 0 + 0 - 2h_9 + 3h_{10} = 10$$