

Step 1

- $\tau_1 = 0.3, \tau_2 = 0.7$ $s = 1$
- $\mathbf{y} = [0, 1, 2, 3, -1, -2, -3]$ $\lceil \tau_1 \times s \rceil = 1, \lceil \tau_2 \times s \rceil = 1$

$$\mathcal{H}_1 \quad \sum = 0$$



$$\mathcal{H}_2 \quad \sum = 0$$



$$\mathcal{H}_3 \quad \sum = 0$$



Step 2

- $\tau_1 = 0.3, \tau_2 = 0.7$ $s = 2$
- $\mathbf{y} = [0, 1, 2, 3, -1, -2, -3]$ $\lceil \tau_1 \times s \rceil = 1, \lceil \tau_2 \times s \rceil = 2$

$$\mathcal{H}_1 \quad \sum = 0$$

$$\mathcal{H}_2 \quad \sum = 0$$

$$\mathcal{H}_3 \quad \sum = 0$$

1

0



Step 2

- $\tau_1 = 0.3, \tau_2 = 0.7$ $s = 2$
- $\mathbf{y} = [0, 1, 2, 3, -1, -2, -3]$ $\lceil \tau_1 \times s \rceil = 1, \lceil \tau_2 \times s \rceil = 2$

$$\mathcal{H}_1 \quad \sum = 0$$



$$\mathcal{H}_2 \quad \sum = 1$$



$$\mathcal{H}_3 \quad \sum = 0$$



Step 3

- $\tau_1 = 0.3, \tau_2 = 0.7$ $s = 3$
- $\mathbf{y} = [0, 1, 2, 3, -1, -2, -3]$ $\lceil \tau_1 \times s \rceil = 1, \lceil \tau_2 \times s \rceil = 3$

$$\mathcal{H}_1 \quad \sum = 0$$

$$\mathcal{H}_2 \quad \sum = 1$$

$$\mathcal{H}_3 \quad \sum = 0$$

2

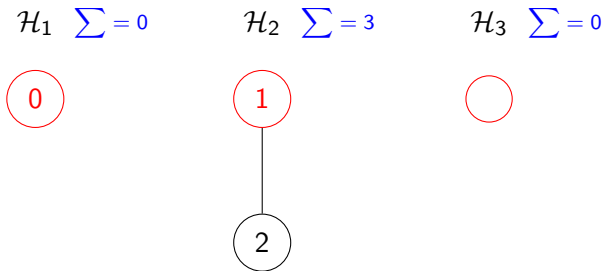
0

1



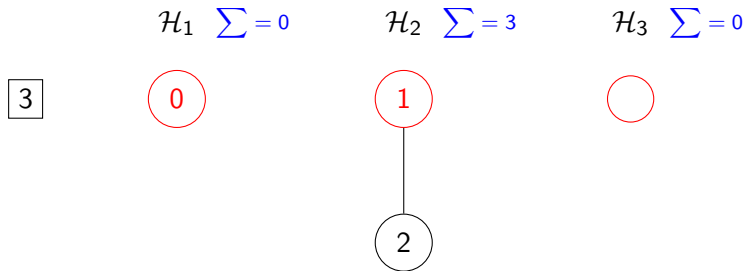
Step 3

- $\tau_1 = 0.3, \tau_2 = 0.7$ $s = 3$
- $\mathbf{y} = [0, 1, 2, 3, -1, -2, -3]$ $\lceil \tau_1 \times s \rceil = 1, \lceil \tau_2 \times s \rceil = 3$



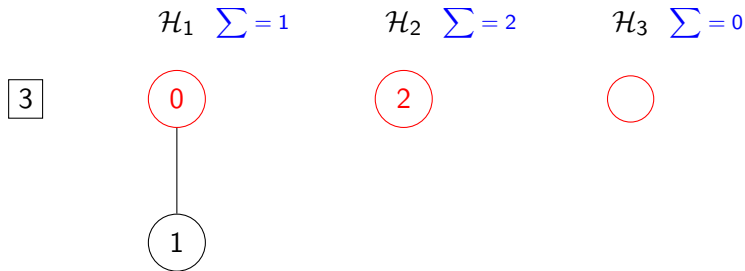
Step 4

- $\tau_1 = 0.3, \tau_2 = 0.7$ $s = 4$
- $\mathbf{y} = [0, 1, 2, 3, -1, -2, -3]$ $\lceil \tau_1 \times s \rceil = 2, \lceil \tau_2 \times s \rceil = 3$



Step 4

- $\tau_1 = 0.3, \tau_2 = 0.7$ $s = 4$
- $\mathbf{y} = [0, 1, 2, 3, -1, -2, -3]$ $\lceil \tau_1 \times s \rceil = 2, \lceil \tau_2 \times s \rceil = 3$



Step 4

- $\tau_1 = 0.3, \tau_2 = 0.7$ $s = 4$
- $\mathbf{y} = [0, 1, 2, 3, -1, -2, -3]$ $\lceil \tau_1 \times s \rceil = 2, \lceil \tau_2 \times s \rceil = 3$

$\mathcal{H}_1 \quad \Sigma = 1$

0

1

$\mathcal{H}_2 \quad \Sigma = 2$

2

$\mathcal{H}_3 \quad \Sigma = 3$

3

Step 5

- $\tau_1 = 0.3, \tau_2 = 0.7$

- $\mathbf{y} = [0, 1, 2, 3, -1, -2, -3]$

$$s = 5$$

$$\lceil \tau_1 \times s \rceil = 2, \lceil \tau_2 \times s \rceil = 4$$

$$\mathcal{H}_1 \quad \sum = 1$$

-1

0

1

$$\mathcal{H}_2 \quad \sum = 2$$

2

$$\mathcal{H}_3 \quad \sum = 3$$

3

Step 5

- $\tau_1 = 0.3, \tau_2 = 0.7$

$s = 5$

- $\mathbf{y} = [0, 1, 2, 3, -1, -2, -3]$

$\lceil \tau_1 \times s \rceil = 2, \lceil \tau_2 \times s \rceil = 4$

$\mathcal{H}_1 \quad \sum = -1$

$\mathcal{H}_2 \quad \sum = 2$

$\mathcal{H}_3 \quad \sum = 3$

1

-1

0

2

3

Step 5

- $\tau_1 = 0.3, \tau_2 = 0.7$ $s = 5$
- $\mathbf{y} = [0, 1, 2, 3, -1], -2, -3$ $\lceil \tau_1 \times s \rceil = 2, \lceil \tau_2 \times s \rceil = 4$

$$\mathcal{H}_1 \sum = -1$$



$$\mathcal{H}_2 \sum = 3$$



$$\mathcal{H}_3 \sum = 3$$



Step 6

- $\tau_1 = 0.3, \tau_2 = 0.7$
- $\mathbf{y} = [0, 1, 2, 3, -1, -2, -3]$

$$s = 6$$

$$\lceil \tau_1 \times s \rceil = 2, \lceil \tau_2 \times s \rceil = 5$$

$$\mathcal{H}_1 \sum = -1$$

-2

-1

0

$$\mathcal{H}_2 \sum = 3$$

1

2

$$\mathcal{H}_3 \sum = 3$$

3

Step 6

- $\tau_1 = 0.3, \tau_2 = 0.7$
- $\mathbf{y} = [0, 1, 2, 3, -1, -2, -3]$

$$s = 6$$

$$\lceil \tau_1 \times s \rceil = 2, \lceil \tau_2 \times s \rceil = 5$$

$$\mathcal{H}_1 \sum = -3$$

$$\mathcal{H}_2 \sum = 3$$

$$\mathcal{H}_3 \sum = 3$$

0



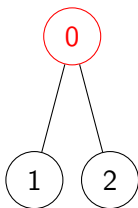
Step 6

- $\tau_1 = 0.3, \tau_2 = 0.7$ $s = 6$
- $\mathbf{y} = [0, 1, 2, 3, -1, -2, -3]$ $\lceil \tau_1 \times s \rceil = 2, \lceil \tau_2 \times s \rceil = 5$

$$\mathcal{H}_1 \sum = -3$$



$$\mathcal{H}_2 \sum = 3$$



$$\mathcal{H}_3 \sum = 3$$



Step 7

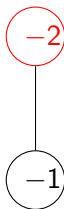
- $\tau_1 = 0.3, \tau_2 = 0.7$
- $\mathbf{y} = [0, 1, 2, 3, -1, -2, -3]$

$$s = 7$$

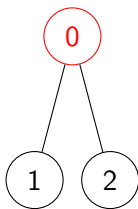
$$\lceil \tau_1 \times s \rceil = 3, \lceil \tau_2 \times s \rceil = 5$$

$$\mathcal{H}_1 \sum = -3$$

-3



$$\mathcal{H}_2 \sum = 3$$



$$\mathcal{H}_3 \sum = 3$$



Step 7

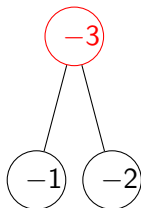
- $\tau_1 = 0.3, \tau_2 = 0.7$

$$s = 7$$

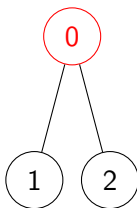
- $\mathbf{y} = [0, 1, 2, 3, -1, -2, -3]$

$$\lceil \tau_1 \times s \rceil = 3, \lceil \tau_2 \times s \rceil = 5$$

$$\mathcal{H}_1 \sum = -6$$



$$\mathcal{H}_2 \sum = 3$$



$$\mathcal{H}_3 \sum = 3$$

