

$d = 1$

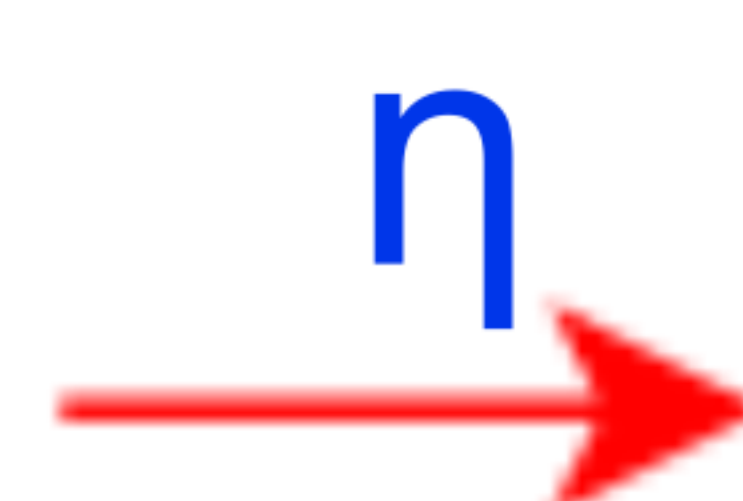
content
"hi"
history
 \emptyset



	1	2	3
1	0	0.2	0.2
2	0.2	0	0.2
3	0.2	0.2	0



	1	2	3
1	0	1	1
2	0	0	1
3	1	0	0



Time

t_i
1
0.5
2



Observed

From: 2
To: 3
Time: 0.5
Message: hi

$d = 2$

content
"love"
history
 \mathbf{x} at $t=0.5$



	1	2	3
1	0	0.1	0.1
2	0.1	0	0.5
3	0.1	0.8	0



	1	2	3
1	0	1	0
2	0	0	1
3	1	1	0



Time

t_i
10
3
0.1



Observed

From: 3
To: 1, 2
Time: 0.6
Message: love