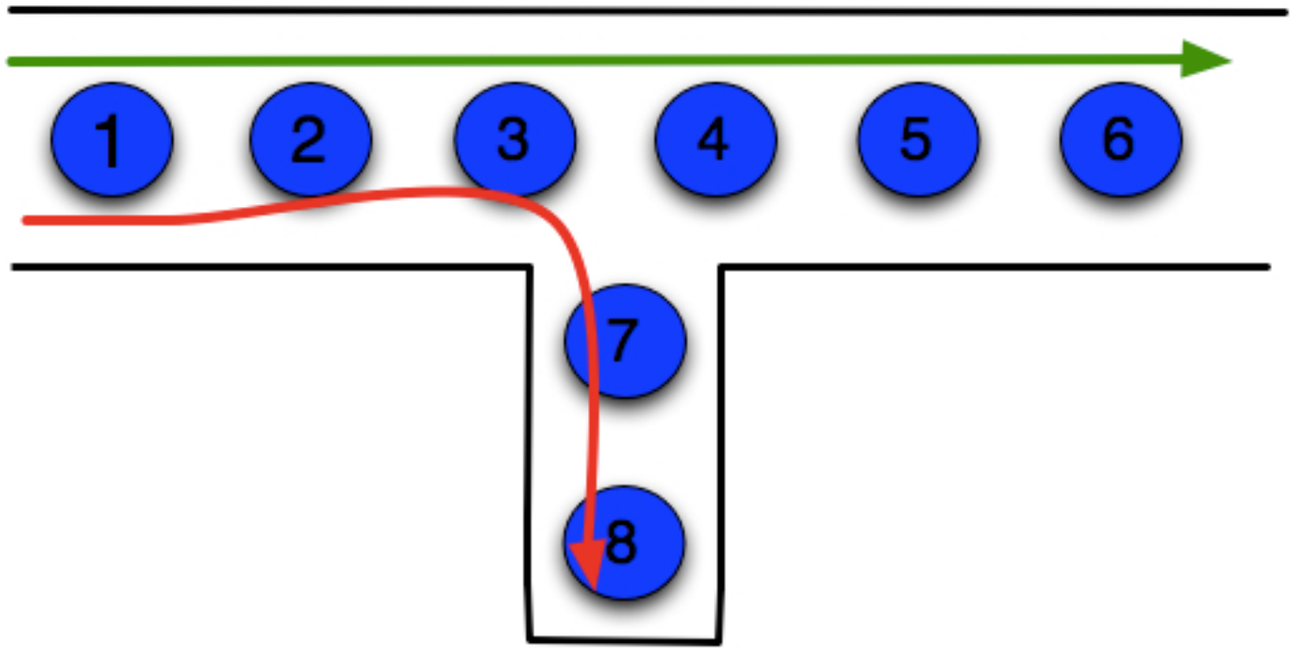
Context based prediction



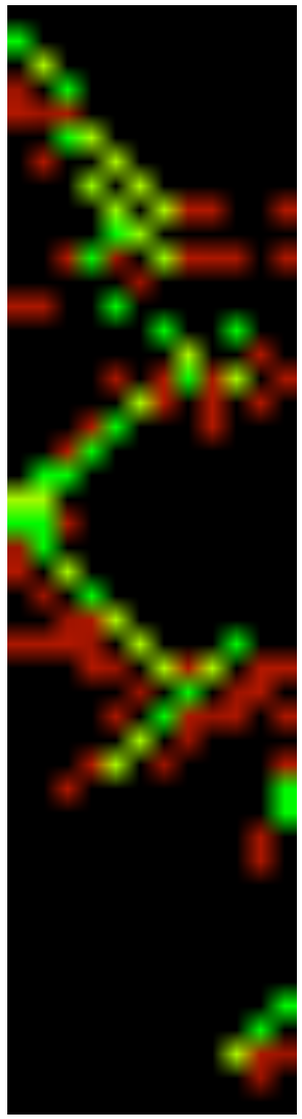
Sensor Number

Time	1	2	3	4	5	6	7	8
	1	0	0	0	0	0	0	0
	0	1	0	0	0	0	0	0
	0	1	0	0	0	0	0	0
	0	0	1	0	0	0	0	0
	0	0	0	1	0	0	0	0
	0	0	0	1	0	0	0	0
	0	0	0	0	1	0	0	0
	0	0	0	0	0	1	0	0

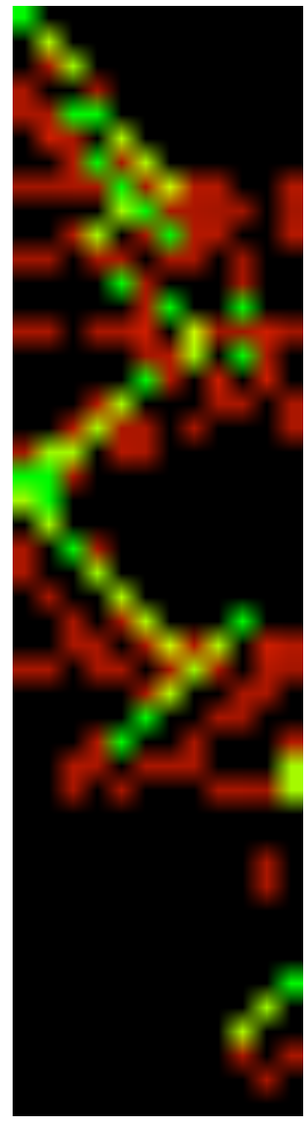
Sensor Number

Time	1	2	3	4	5	6	7	8
	1	0	0	0	0	0	0	0
	0	1	0	0	0	0	0	0
	0	1	0	0	0	0	0	0
	0	0	1	0	0	0	0	0
	0	0	0	0	0	0	1	0
	0	0	0	0	0	0	1	0
	0	0	0	0	0	0	0	1
	0	0	0	0	0	0	0	1

Context based prediction



Context



Without Context

Green Pixels: Original Data
Red Pixels: Predicted Data
Yellow Pixels: Accurate Predictions