

Num of Trains=10 (5 up, 5 down)  
 End\_sim\_time = 30000,  
 getSpottingNowTime = 21000,  
 peakThres=5 (500 meters both sides)  
 PosConf calculated for each point at distance of= 100 meters  
 Starting time gap between trains=30 min (1800 sec)  
 Halt\_time\_of\_Train = 20 sec  
 Speed\_of\_The\_Train = 14 m/sec (50.4 km/h)

## 0.1 No. of passengers=10

### 0.1.1 western up route

Table 1: Ground truth value		Table 2: Estimated Value	
<i>Positions</i>	<i>NearestEstDis</i>	<i>Positions</i>	<i>NearestTruthDis</i>
m	m	m	m
1356.00	21 444.00	22 800.00	158.00
22 642.00	158.00	64 700.00	156.00
64 544.00	156.00	" AvgPosConf	0.15"
88 906.00	24 206.00	" MaxPosConf	0.22"
112 980.00	48 280.00		

### 0.1.2 western down route

Table 3: Ground truth value		Table 4: Estimated Value	
<i>Positions</i>	<i>NearestEstDis</i>	<i>Positions</i>	<i>NearestTruthDis</i>
m	m	m	m
19 642.00	42.00	19 600.00	42.00
42 326.00	22 026.00	20 300.00	658.00
66 124.00	45 824.00	" AvgPosConf	0.22"
85 586.00	65 286.00	" MaxPosConf	0.24"
109 942.00	89 642.00		

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 Starting time gap between trains=30 min (1800 sec)  
 Halt\_time\_of\_Train = 20 sec  
 Speed\_of\_The\_Train = 14 m/sec (50.4 km/h)

## 0.2 No. of passengers=10

### 0.2.1 central up route

Table 5: Ground truth value

<i>Positions</i> m	<i>NearestEstDis</i> m
12 246.00	37 854.00
21 442.00	28 658.00
34 644.00	15 456.00
44 120.00	5980.00
57 878.00	7778.00

Table 6: Estimated Value

<i>Positions</i> m	<i>NearestTruthDis</i> m
50 100.00	5980.00
"AvgPosConf	0.01"
"MaxPosConf	0.01"

### 0.2.2 central down route

Table 7: Ground truth value

<i>Positions</i> m	<i>NearestEstDis</i> m
124.00	24.00
5594.00	5494.00
21 964.00	164.00
27 440.00	5640.00
44 634.00	34.00

Table 8: Estimated Value

<i>Positions</i> m	<i>NearestTruthDis</i> m
100.00	24.00
21 800.00	164.00
44 600.00	34.00
"AvgPosConf	0.29"
"MaxPosConf	0.39"

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 peakThres=5 (500 meters both sides)  
 PosConf calculated for each point at distance of= 100 meters  
 Starting time gap between trains=30 min (1800 sec)  
 Halt\_time\_of\_Train = 20 sec  
 Speed\_of\_The\_Train = 14 m/sec (50.4 km/h)

### 0.3 No. of passengers=10

#### 0.3.1 harbour up route

Table 9: Ground truth value	
<i>Positions</i>	<i>NearestEstDis</i>
m	m
15 882.00	1618.00
17 364.00	136.00
25 396.00	7896.00
40 324.00	7876.00
48 086.00	114.00

Table 10: Estimated Value	
<i>Positions</i>	<i>NearestTruthDis</i>
m	m
17 500.00	136.00
48 200.00	114.00
"AvgPosConf	0.17"
"MaxPosConf	0.20"

#### 0.3.2 harbour down route

Table 11: Ground truth value	
<i>Positions</i>	<i>NearestEstDis</i>
m	m
3356.00	22 044.00
4844.00	20 556.00
25 486.00	86.00
27 516.00	16.00
35 006.00	7506.00

Table 12: Estimated Value	
<i>Positions</i>	<i>NearestTruthDis</i>
m	m
25 400.00	86.00
27 500.00	16.00
"AvgPosConf	0.34"
"MaxPosConf	0.46"