

Num of Trains=10 (5 up, 5 down)  
 End\_sim\_time = 20000,  
 getSpottingNowTime = 10000,  
 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=100

### 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
0	16 600.00	16 600.00	366.00
0	16 600.00	39 000.00	360.00
16 234.00	366.00	62 500.00	338.00
38 640.00	360.00	" AvgPosConf	0.77"
62 162.00	338.00	" MaxPosConf	0.96"

### 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
44 664.00	264.00	44 400.00	264.00
68 462.00	22 338.00	90 800.00	2024.00
92 824.00	2024.00	" AvgPosConf	0.50"
123 780	32 980.00	" MaxPosConf	1.00"
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## 0.2 No. of passengers=100

### 0.2.1 central up route

Table 5: Ground truth value	
<i>Positions</i>	<i>NearestEstDis</i>
m	m
0	11 100.00
0	11 100.00
10 760.00	340.00
16 516.00	384.00
39 202.00	398.00

Table 6: Estimated Value	
<i>Positions</i>	<i>NearestTruthDis</i>
m	m
11 100.00	340.00
16 900.00	384.00
39 600.00	398.00
45 800.00	6598.00
"AvgPosConf	0.79"
"MaxPosConf	1.00"

### 0.2.2 central down route

Table 7: Ground truth value	
<i>Positions</i>	<i>NearestEstDis</i>
m	m
9966.00	22 034.00
32 358.00	258.00
46 122.00	322.00
59 600.00	13 800.00
84 800.00	39 000.00

Table 8: Estimated Value	
<i>Positions</i>	<i>NearestTruthDis</i>
m	m
32 000.00	358.00
32 100.00	258.00
45 800.00	322.00
"AvgPosConf	1.00"
"MaxPosConf	1.00"

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 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=100

#### 0.3.1 harbour up route

Table 9: Ground truth value	
<i>Positions</i>	<i>NearestEstDis</i>
m	m
0	13 600.00
0	13 600.00
14 762.00	1162.00
16 244.00	2644.00
38 914.00	386.00

Table 10: Estimated Value	
<i>Positions</i>	<i>NearestTruthDis</i>
m	m
13 600.00	1162.00
35 700.00	3214.00
35 800.00	3114.00
39 300.00	386.00
"AvgPosConf	0.24"
"MaxPosConf	0.63"

#### 0.3.2 harbour down route

Table 11: Ground truth value	
<i>Positions</i>	<i>NearestEstDis</i>
m	m
6246.00	246.00
28 924.00	6876.00
36 126.00	326.00
54 600.00	18 800.00
79 800.00	44 000.00

Table 12: Estimated Value	
<i>Positions</i>	<i>NearestTruthDis</i>
m	m
6000.00	246.00
14 600.00	8354.00
35 800.00	326.00
"AvgPosConf	0.76"
"MaxPosConf	1.00"