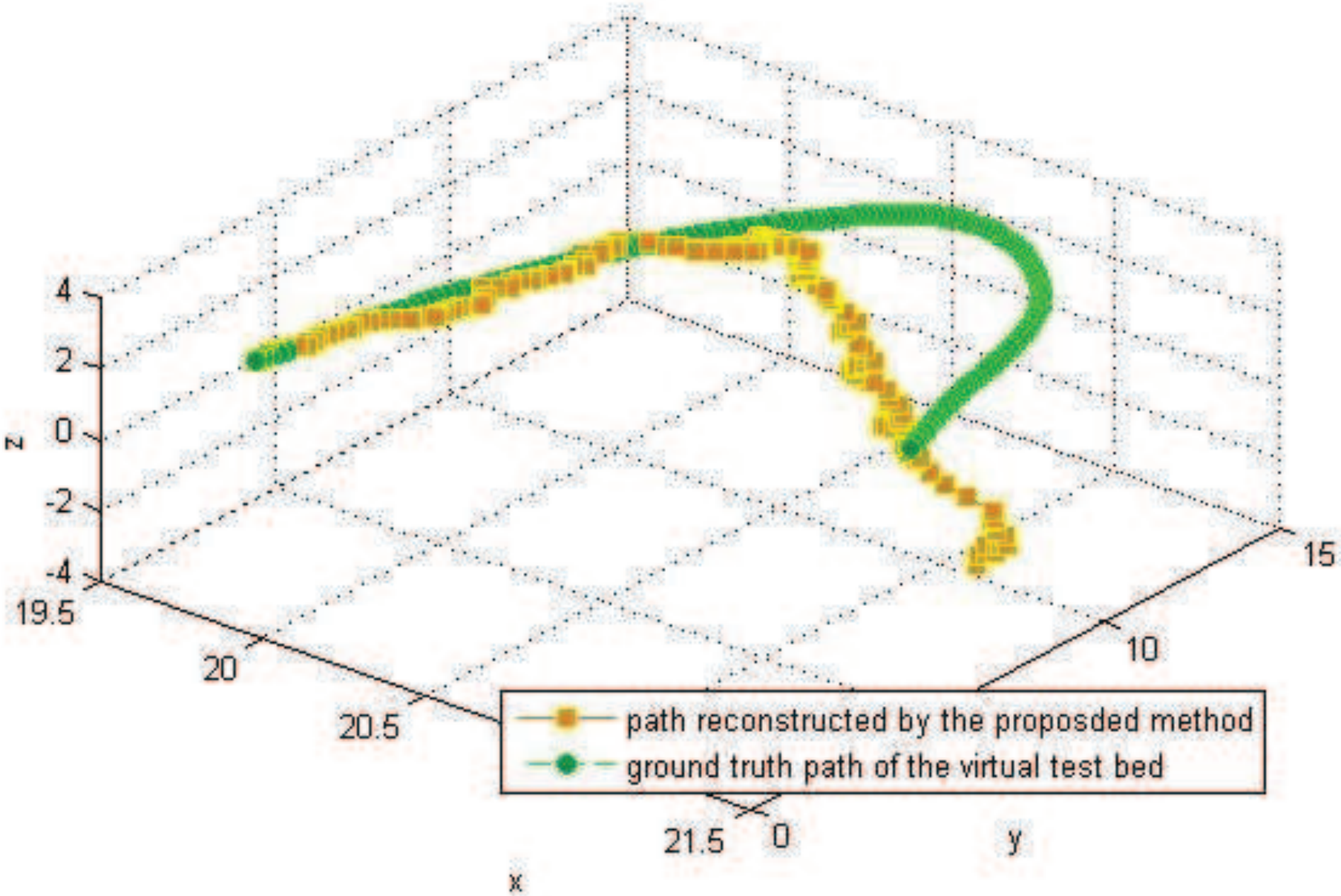
4
2
0
-2
-4
z
19.5
20
20.5
21.5
x
0
10
15
y
path reconstructed by the proposded method
ground truth path of the virtual test bed