

Lab 4: Grading Sheet

Team: _____

Final score: _____

Members: _____

First try:

Initial configuration	X (cm):	Y (cm):	Θ (degrees):
A:	α :	β :	ϕ_x :
			ϕ_y :
Time elapsed	Expected Position (cm)		Measured Position (cm)
			Error in position (cm)
10 seconds	X:	Y:	X: Y:
20 seconds	X:	Y:	X: Y:
30 seconds	X:	Y:	X: Y:

Mean error in position (cm):

Grading Standard	Points	Out of
Mean error in position \leq 5cm		
Mean error in position $>$ 5cm : $\frac{80}{\text{Mean Error}-4}$ points		80
Trajectory quality (subjective and determined by the TA)		20
Total		100

Second try:

Initial configuration	X (cm):	Y (cm):	Θ (degrees):
A:	α :	β :	ϕ_x :
			ϕ_y :
Time elapsed	Expected Position (cm)		Measured Position (cm)
			Error in position (cm)
10 seconds	X:	Y:	X: Y:
20 seconds	X:	Y:	X: Y:
30 seconds	X:	Y:	X: Y:

Mean error in position (cm):

Grading Standard	Points	Out of
Mean error in position \leq 5cm		
Mean error in position $>$ 5cm : $\frac{80}{\text{Mean Error}-4}$ points		80
Trajectory quality (subjective and determined by the TA)		20
Easier initial configuration / trajectory request		-10
Total		100

Third try:

Initial configuration	X (cm):	Y (cm):	Θ (degrees):		
A:	α:	β:	φ _x :	φ _y :	
Time elapsed	Expected Position (cm)		Measured Position (cm)		Error in position (cm)
10 seconds	X:	Y:	X:	Y:	
20 seconds	X:	Y:	X:	Y:	
30 seconds	X:	Y:	X:	Y:	

Mean error in position (cm):

Grading Standard	Points	Out of
Mean error in position ≤ 5cm		
Mean error in position > 5cm : $\frac{80}{\text{Mean Error}-4}$ points		80
Trajectory quality (subjective and determined by the TA)		20
Easier initial configuration / trajectory request		-20
Total		100