Lab 4: Grading Sheet

Team: _____ **Final score**: _____

Members: _____

Note: -20 points for trajectories more than 2 seconds faster or slower than 30 seconds

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)**
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 :** -10 **points/cm over 5cm**		50
Trajectory quality (subjective and determined by the TA)		50
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)**
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 :** -10 **points/cm over 5cm**		50
Trajectory quality (subjective and determined by the TA)		50
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)
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 : -10 points/cm over 5cm		50
Trajectory quality (subjective and determined by the TA)		50
Easier initial configuration / trajectory request		-20
Total		100