

Exercise four: MiiA Turning time

Aim:

What good is a robot that can only go straight? Not very useful I would say. This sheet will help with that. The steps to Turn MiiA left and right will be developed.

Note: There are many ways to do this. We do it in four steps, however, you could get it down to three steps (think about the things you do when you turn you turn).

Forward

Turn left

		Motor A	Motor B	Motor C	Motor D
Step one	Angle				
Step two	Angle				
Step three	Angle				
Step four	Angle				
Notes					

Turn Right

		Motor A	Motor B	Motor C	Motor D
Step one	Angle				
Step two	Angle				
Step three	Angle				
Step four	Angle				
Notes					

Backwards

Turn left

		Motor A	Motor B	Motor C	Motor D
Step one	Angle				
Step two	Angle				
Step three	Angle				
Step four	Angle				
Notes					

Turn Right

		Motor A	Motor B	Motor C	Motor D
Step one	Angle				
Step two	Angle				
Step three	Angle				
Step four	Angle				
Notes					