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# VISUAL SERVOING OF A MOBILE ROBOT EQUIPPED WITH A VIDEO CAMERA

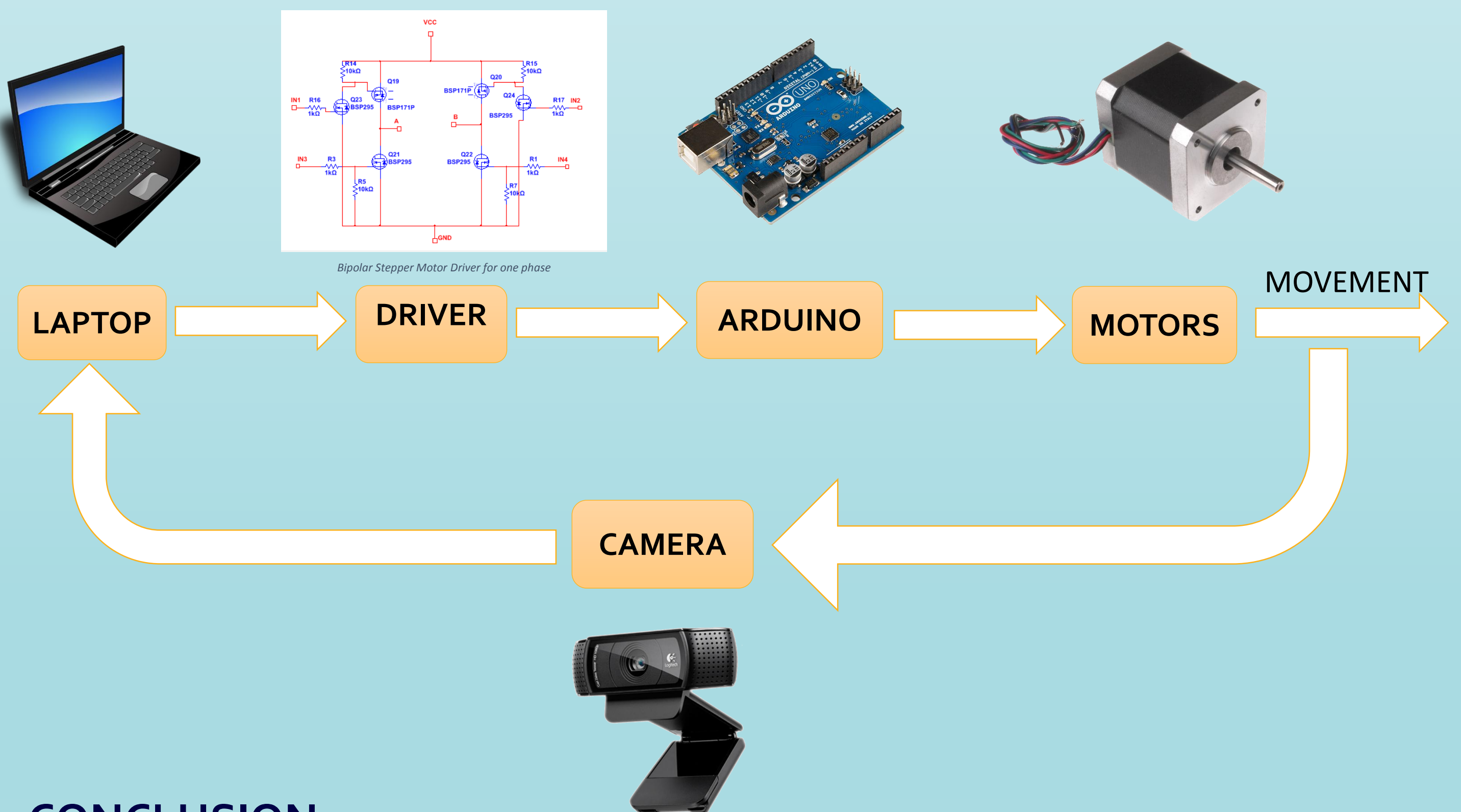


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## INTRODUCTION

- Design and built a wheeled mobile robot configure like a two-wheel centered differential drive with a third caster wheel.
- Using two stepper motor for the movement that are controlled by a microcontroller (Arduino Uno).
- The control of the movement it is done by camera that detect the red color. The robot should follow the red object.

## METODOLOGY



## CONCLUSION

- This project consists in learn how to made an autonomous mobile robot controlled by a vision system.
- The mobile robot has to be able to take the decision of the movement with the image processing.