

Using High Density Conductive Polyethylene Black Foam as a resistive sensor to build spatial object awareness in robotic grippers

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1 Introduction

2 Method

Introduction

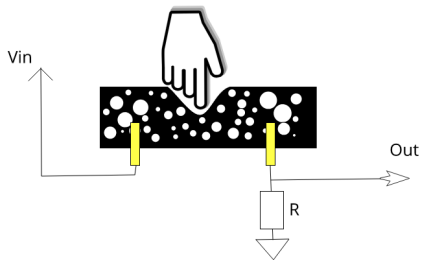
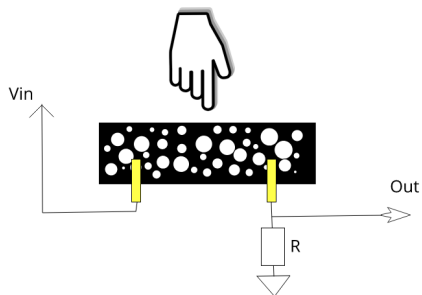


High Density Conductive Polyethylene Black Foam

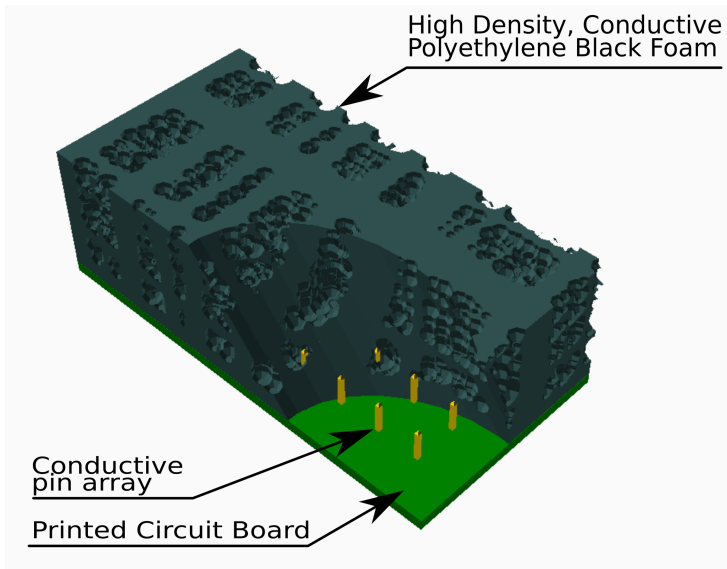
What is High Density Conductive Polyethylene Black Foam?



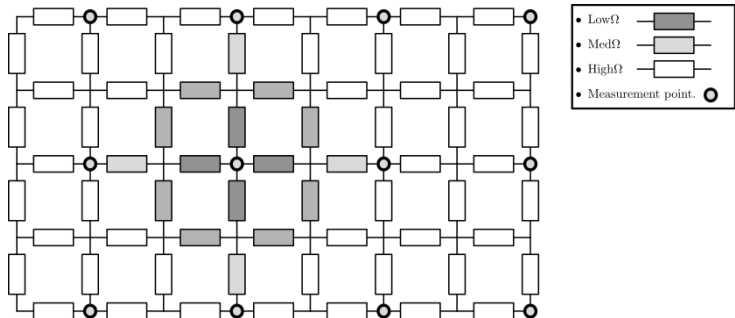
How does it work?



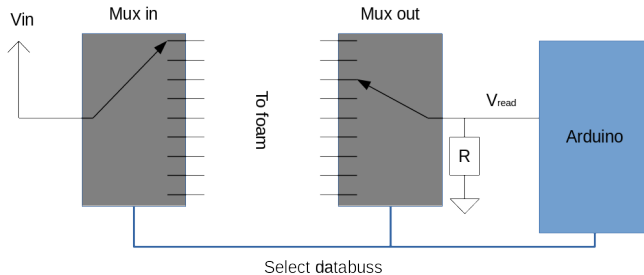
What was done



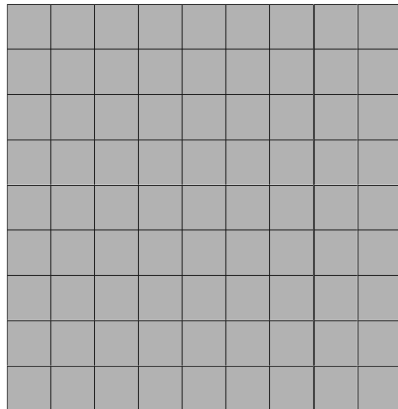
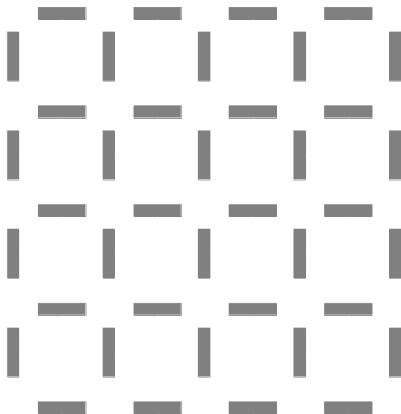
What was done



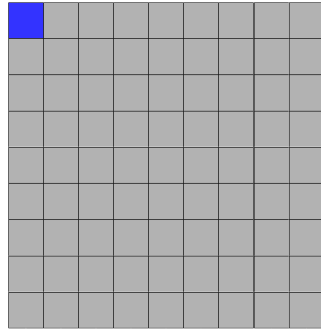
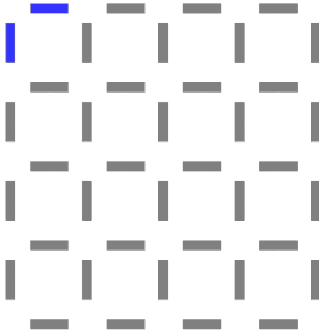
How the measurements was done



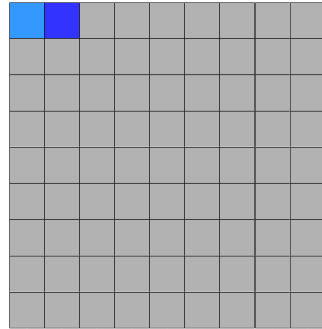
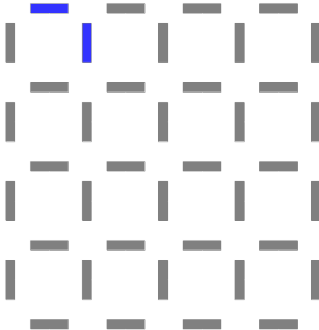
The algorithm



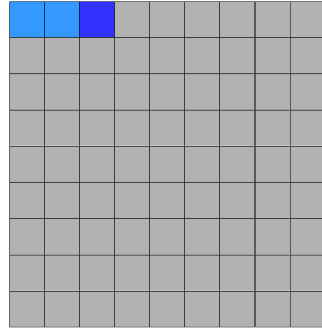
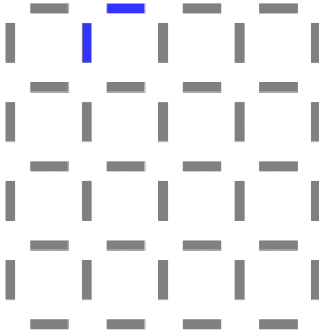
The algorithm



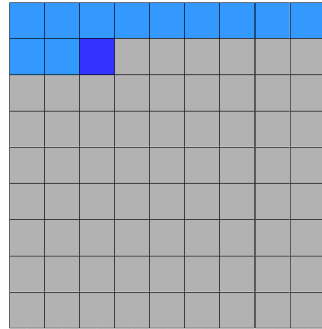
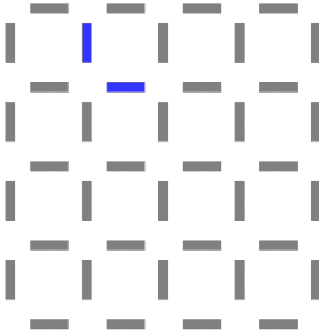
The algorithm



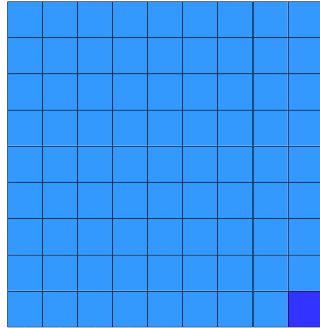
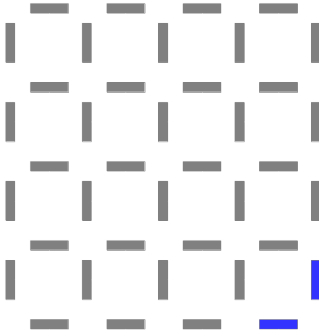
The algorithm



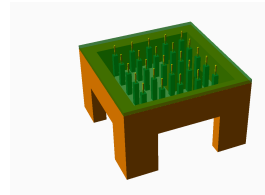
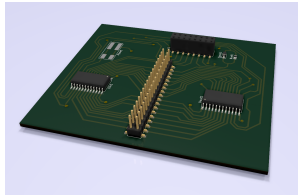
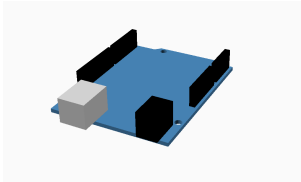
The algorithm



The algorithm



Hardware implementation



Results

Do to project complexity, time and unforeseen problems
the project could not be completed in time.