

Programming Exercise 1

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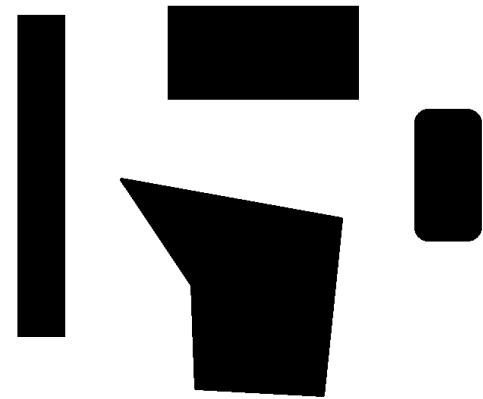
Mærsk Mc-Kinney Møller instituttet

SDU Robotics



Representation of the workspace

- Images
 - White is free
 - Black is occupied
- You can use other colors to mark the paths.



Loading and Showing Images

- C++ OpenCV

Programming Exercise for Week 37

- Implement a program which can
 - Read in an image as workspace
 - Can plan a path between two points in the image using the Bug1 and Bug2 algorithms.
 - Can output the image with the two results of the images in different colors.
- Test the program on different maps with different complexity.

