ABSTRACT OF THE DISCLOSURE

A method is provided for autonomous robot guidance. The method includes ascertaining a position of a robot. The method further includes detecting an object. The method includes associating the object with the position. The method also includes, in accordance with a determination that the object is associated with a set of autonomous operation instructions, at least partially autonomously operating the robot in accordance with the instructions. The method also includes, in accordance with a determination that the object is not associated with the set of autonomous operation instructions, receiving position information along a route that the robot is moved along by a user. The method also includes generating a set of autonomous operation instructions based at least in part on the position information, associating the set of autonomous operation instructions with the object, and storing the set of autonomous operation instructions that are associated with the object.

[Figure 1]