## ABSTRACT

Disclosed are a robot control system and method. The robot control system includes a storage region, a lifting machine, a control device, and at least one self-driven robot. The storage region includes a loft having at least two storeys and is configured to store a container, and there is provided a passage on the floor of each of the at least two storeys of the loft for the self-driven robot to move through. The lifting machine is configured to transport the self-driven robot or the container to a target storey corresponding to a transportation task. The control device is configured to assign the transportation task to the self-driven robot and plan a travel route on the target storey for the self-driven robot according to the transportation task, and dispatch the self-driven robot to travel according to the travel route to perform the transportation task.


**[FIG. 1]**