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(57) Abstract :
A system (100) and a method (400) for gesture-controlled automatic seed sowing is provided. The system (100) includes a wearable glove (102) for transmitting one or more hand gesture signals for seed sowing at predefined locations and a robot (104) for sowing the seeds based on the received one or more hand gesture signals from the wearable glove (102). The system (100) plants seeds at a much faster rate than manual labor, which can save time and increase overall efficiency in the planting process. The use of system (100) helps in saving on labor costs. The robot (104) plants seeds consistently, ensuring that the same amount of seeds are planted in each area of the field. The robot (104) plants seeds without disturbing the soil as much as traditional planting methods, which can reduce the environmental impact of the planting process.

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