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## Development of automatic operation system for construction machinery and field demonstration

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In the construction industry, where the number of workers is decreasing and the population is aging, technological development is expected to improve construction efficiency, such as time and labor saving. As a technology to improve the efficiency of construction, the automatic operation technology of construction machinery using ICT is drawing attention. If a work place can be unmanned by automating a specific work through automatic operation and multiple automated construction machines can be managed by one person, a great improvement in productivity can be expected. We developed an automatic operation system for vibrating rollers and bulldozers as the first step in automating construction machinery, and conducted demonstration operations on site.

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