

Improving intellectual capability to enhance “a Socially Active Life” for overcoming the reducing labor force

Enhancing human intelligence through the use of tele-operated robots

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Summary :

- To keep a high QOL in the era of aging and declining population, increasing the working time for workers and/or enhancing their skills are necessary and essential. In order to do this, the problems of time limitations for mothers and housewives and skill limitations for many workers must be solved.
- Through the adoption of tele-operated conversational robots, workers will be able to work anytime. And by extending or combining their abilities, we will be able to establish a mechanism to improve the value produced by each worker (i.e. the production capacity) more than 4 times.
- The challenge is to develop technologies for extending or combining their abilities. By combining two humans with different specialties with the developed technologies, services which provide expert information are feasible.
- Moreover, workers can learn high value knowledge provided by the system and the knowledge and skills of the others controlling the robots.

