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Author: Takenori Obo Chu Kiong Loo Manjeevan Seera  
Takahiro Takeda Naoyuki Kubota



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## Arm Motion Analysis using Genetic Algorithm for Rehabilitation and Healthcare

### Highlights

- Focus of the paper is development of arm motion measurement system.
- Paper proposes a joint angle estimation method using Kinect sensor.
- Genetic search with an adaptive penalty function and island model is applied.
- A kinematics model is built to visualize estimated motion pattern.

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