











performance on water must be improved by a complex type that integrates optical sensor method and astronomical method.

In this paper, manual / active tracking algorithms for floating photovoltaic system were demonstrated by model experiment.

Tracking performance can be improved in the future by adding an algorithm that sequentially rotates 1~2 structures to reduce the force inflicted on 4 rotating structures during tracking of azimuth angle and by considering time speed, time and angle of rotation during operation of actual motor.

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