Development of a Motion Learning Support System arranging and showing Several Types of Model Motion

Toshihiro YOSHINAGA[1] and Masato SOGA[2]

[1] Graduate School of Systems Engineering, Wakayama University
[2] Faculty of Systems Engineering, Wakayama University

Traditional motion learning support systems have one coach's motion data as a model motion, although the data is not always the best one. Therefore, we proposed a system showing various types of model motion. On the system, you can select a model motion type from the followings; a coach's motion which you like, the coach's motion whose physique is the most similar to yours, the average motion of all coaches, and the motion which is the nearest to the average. Through an evaluation experiment, we concluded that the system was more helpful than the traditional one.