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(54) **REPETITIVE MOTION FEEDBACK SYSTEM AND METHOD OF PRACTICING A REPETITIVE MOTION**

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(57) **ABSTRACT**

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A repetitive motion feedback system is provided with various sensors and devices for monitoring aspects of a repetitive motion sequence, such as a golf swing. The monitored aspects can include motion properties of an object moved by the user, position properties of the user and motion properties of the user. A data processing system for receiving data of the monitored aspects provides feedback data that is provided to a feedback output device, such as a graphical display device or speaker, so that the user is provided with feedback regarding the repetitive motion sequence. In one particular embodiment, the user's performance is compared to a template of a prior performance, with feedback being provided regarding the differences.

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