Title	身体動作の指導知識構造化方法の提案
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Abstract

For knowledge transmission, it is important to construct structured knowledge that clearly describes the knowledge. The purpose of this study is to propose a method of structuring instructional knowledge through the approach of conveying ideal body movements, and to clarify (I) whether it is possible to construct computer-readable instructional knowledge through interviews, and (II) whether new instructional knowledge can be added through actual teaching with the proposed method. To verify the proposed method, we structured the knowledge of ideal motions through interviews and constructed computer-readable instructional knowledge. Then, we created a transmission system to utilize the knowledge and instruct the motions, and a veteran instructor confirmed the feedback from the system. From the results, we found that knowledge structured by interviews can be computer readable and incorporated into the system. The results also showed that new knowledge can be extracted by using the proposed method. The results suggested that the proposed method can clarify the instructor's knowledge and share instructional techniques with others. In addition, it is thought that the performance of the instructor can be improved with the assistance of a system that incorporates structured knowledge.