

A Study on Composition of Context-based Soccer Analysis System

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Abstract— Recently, the tendency to analyze sport activities by combining sports science and ICT technology is increased. This aspect is also presented in the soccer analysis, and it is easy to find various cases of analysis according to the purpose. However, the systems presented so far do not attempt to provide a high level of content analysis. This paper discussed the limitations of the statistical analysis of the current soccer analysis system, and then presented a concrete method of constructing the system to bring it up to the content understanding base. Through the development of the proposed system, we can expect a positive change in terms of new aspects of service, industry and ecosystem.

Keyword— Event recognition, Motion recognition, Object tracking, Soccer analysis, Sports science



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