

عنوان مقاله:

Profile of Knowledge Analysis Using Regression Approach: Focused on Know-how

محل انتشار:

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خلاصه مقاله:

Technical knowledge management is referred to managing explicit and tacit knowledge types experimented in practical cases by people of an organization. This type of knowledge is referred to as know-how in industrial literature. When an industrial process is analyzed, the level of the quality of the output addresses the level of the quality of the technical knowledge applied by employees of the process. The quality of technical knowledge in many processes can be followed effectively using a functional relationship i.e. the regression approach. In this case there exist two knowledge types including response knowledge and explanatory knowledge. Most researchers approached analyzing knowledge to map knowledge without considering the relationship between explanatory and response knowledge types. This new approach to lead analyzing technical knowledge is called in this paper profile of knowledge (POK). The POK approach is capable potentially to lead practitioners to an effective root cause analysis when an improvement effort is aimed or a sustained fault takes a place in the process. In this paper it is attempted to introduce applicability of POK approach to analyze knowledge mapping focusing on technical type i.e. know-how. A practical example is also provided to address the effectiveness of the POK analysis.

کلمات کلیدی:

Profile of knowledge analysis, Knowledge management, Know-how, Tacit knowledge, Root cause analysis

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