

論文 / 著書情報
Article / Book Information

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種別(和文)	論文要旨
Type(English)	Summary

論文要旨

THESIS SUMMARY

専攻 : Department of	Innovation	専攻	申請学位 (専攻分野) : Academic Degree Requested	博士 (Management of Doctor of Technology)
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要旨 (英文 800 語程度)

Thesis Summary (approx.800 English Words)

Emerging technologies are an important topic of study given their potential impact on economic activities. Big-data can be considered an emerging technology which is generating high expectations across various sectors. However, other sectors have not yet been explored, and the benefits that can be obtained from big-data remain under a black box. The present thesis presents an approach to take a view into the black box of applications that can arise from the interception of the big-data and public broadcasters' knowledge bases. The changes affecting the broadcasting sector derive from a broader phenomenon of convergence on the audio-visual content industries and technological evolution has played an important role in this change. Among the technologies involved in this converging scenario, big-data technologies have been reported to have played an important role. Therefore, a deeper understanding of the convergence of the big-data and the public broadcasting knowledge bases can provide insights and help in the construction of strategies to successfully adapt to this converging environment. Following the previous discussion, the objective of this research is to propose original and complementary quantitative approaches to study emerging technologies. Tackling specifically the challenge of understanding the knowledge base of big-data and identify its use in public broadcasting services. As an expected outcome, the applications emerging from the convergence of the public broadcasters' and big-data knowledge bases will be presented, opening the black box of the benefits that this sector can obtain from big-data. The objective is achieved proposing a theoretical framework to study the ongoing process of technological change caused by convergence of the big-data and public broadcasting knowledge bases. Furthermore, three original methods were proposed to improve the understanding of emerging technologies knowledge bases and the identification trajectories of software-based IT, such as big-data.

備考 : 論文要旨は、和文 2000 字と英文 300 語を 1 部ずつ提出するか、もしくは英文 800 語を 1 部提出してください。

Note : Thesis Summary should be submitted in either a copy of 2000 Japanese Characters and 300 Words (English) or 1copy of 800 Words (English).

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