

## Editorial

We are pleased to release the first issue of the seventeenth volume of the **Journal of Digital Information Management**. This first issue has the below-described research papers.

In the opening paper on “**A Systematic Review of Serious Games Relating to Cognitive Impairment and Dementia**”, the authors *Samiha Mezrar* and *Fatima Bendella* have studied the cognitive impairment and assessed how the games could detect it. They have used a taxonomy of five classes to classify serious games dedicated to cognitive training and diagnosis among seniors: cognitive skills, objectives, game elements, motivation, and validation. Ultimately, they found that the gamified techniques proved to be a valuable complement to traditional treatments.

*Kamel JAFAR*, *Bassel ALKHATIB*, and *Hazem WANNOUS*, in their paper on “**A Survey of Sentiment Analysis in the Arabic Language**,” presented the current state of sentiment analysis and opinion mining research. The authors have described the leading methods and approaches that have been introduced in the literature for Arabic Sentiment analysis and opinion mining. The main contributions of this paper as per the statement of authors is that it included the sophisticated categorizations of a large number of recent research about Arabic Sentiment analysis,

In the last paper on “**Public Key Cryptosystem and Binary Edwards Curves on the Ring**,” the author’s *Moha ben Taleb Elhamam*, *Abdelhakim Chillali*, and *Lhoussain El Fadil* have studied the binary Edwards curve over this ring and provided a bijection between this curve and produced two binary Edwards curves defined on the finite field. Further, they have implemented it in the Edwards curve cryptosystem.

We hope that these papers may generate more interest in future research.

## Editors