



RETRACTED ARTICLE: Progression of a serious game difficulty from a playful and pedagogical point of view: Analyze and representation

Adil Korchi¹ · Mohamed Dardor² · Fayçal Messaoudi³ · El Houssine Mabrouk⁴

Received: 10 February 2020 / Accepted: 18 June 2020/Published online: 14 December 2020

© Springer Science+Business Media, LLC, part of Springer Nature 2020

The Editor-in-Chief has retracted this article [1] because it significantly overlaps with a previously published conference paper by Carron et al. [2].

Adil Korchi disagrees with the retraction but has not explicitly stated whether he agrees to this retraction notice. The other authors did not respond to correspondence regarding this retraction.

References

1. Korchi, A., Dardor, M., Messaoudi, F. et al. Progression of a serious game difficulty from a playful and pedagogical point of view: Analyze and representation. *Educ Inf Technol* (2020). <https://doi.org/10.1007/s10639-020-10259-4>
2. Thibault Carron, Mathieu Muratet, Bertrand Marne, Amel Yessad. Analyser et représenter la progression de la difficulté d'un jeu sérieux du point de vue ludique et pédagogique. EIAH 2017, Jun 2017, Strasbourg, France. <https://hal.inria.fr/LIP6/hal-01515753v1>

Supplementary Information The online version contains supplementary material available at <https://doi.org/10.1007/s10639-020-10259-4>.

✉ Adil Korchi
adil.korchi@gmail.com

Mohamed Dardor
mohamed.dardor@usmba.ac.ma

Fayçal Messaoudi
faycal.messaoudi@usmba.ac.ma

El Houssine Mabrouk
abounadah@yahoo.fr

¹ Faculty of Sciences and Technologies, University Sidi Mohamed Ben Abdellah, Fez, Morocco

² Department of Informatics, faculty of Sciences, Dhar El Mehrez, Fez, Morocco

³ University Sidi Mohamed Ben Abdellah, National School of Business and Management, Fez, Morocco

⁴ Faculty of Sciences and Technics, Moulay Ismail University, Errachidia, Morocco