

not only their ability to provide answers to closed numerical questions. Rather than a device that only becomes educationally useful after mathematics has been learned, the scientific calculator has considerable potential in the learning process itself, through direct student exploration.

References

- [1] Dahan, J.-J. (2019). *Steiner ellipse and Marden's Theorem*. Proceedings of the 24th Asian Technology Conference in Mathematics, Leshan, China: Mathematics and Technology LLC.
- [2] Supiri, G. & Arganbright, D. (2018) *Exploiting Excel's Data Table Creatively in the Study of Mathematics*. Proceedings of the 23rd Asian Technology Conference in Mathematics, Yogyakarta, Indonesia: Mathematics and Technology LLC.
- [3] Yang, W.-C. (2018) *The Importance of Adopting Evolving Technological Tools to Expand Content Knowledge to 3D*. Proceedings of the 22nd Asian Technology Conference in Mathematics, Chungli, Taiwan: Mathematics and Technology LLC.
- [4] Chandrakantha, L. (2019) *Connecting with Data: Exploring Statistical Concepts using R* Proceedings of the 24th Asian Technology Conference in Mathematics, Leshan, China: Mathematics and Technology LLC.
- [5] Asian Technology Conference in Mathematics (2020) Electronic Proceedings Home Page, <http://atcm.mathandtech.org/ElectronicProceedings.htm>
- [6] Kissane, B. (2016) The scientific calculator and school mathematics. *Southeast Asian Mathematics Education Journal*, 6(1). pp. 33-55.
- [7] Kissane, B. and Kemp, M. (2014) *A model for the educational role of calculators*. In: 19th Asian Technology Conference in Mathematics, 26-30 November 2014, Yogyakarta, Indonesia.
- [8] Ariyadi, W., Heri, R., Wahid, Y., Pastita, A. L., Mutia, M., & Pientha, G. A. (2019) *Scientific Calculators to Improve Students' Critical Thinking Skills: An Evidence from Mathematical Exploration in the Classroom..* Proceedings of the 24th Asian Technology Conference in Mathematics, Leshan, China: Mathematics and Technology LLC.
- [9] Kissane, B. and Kemp, M. (2012) The place of calculators in mathematics education in developing countries. *Journal of Science and Mathematics Education in Southeast Asia*, 35(2). pp. 102-118.
- [10] Ronau, R., Rakes, C., Bush, S., Driskell, S., Niess, M. & Pugalee, D. (2011) NCTM Research Brief: *Using calculators for learning and teaching mathematics*. Retrieved 29 July 2012 from <http://www.nctm.org/news/content.aspx?id=31192>
- [11] Heri, R., Ariyadi, W., Wahid, Y., Pastita, A. L., Mutia, M., & Pientha, G. A. (2019) *How to Enhance Students' Participation in Mathematics Learning Using Calculator*. Proceedings of the 24th Asian Technology Conference in Mathematics, Leshan, China: Mathematics and Technology LLC.
- [12] Kissane, B. (2016) *Investigating mathematics with ClassWiz*. CASIO, Tokyo, Japan. [Available at <https://researchrepository.murdoch.edu.au/id/eprint/36386/>]
- [13] Kissane, B. (2015) *Learning mathematics with ClassWiz*. CASIO, Tokyo, Japan. [Available at <https://researchrepository.murdoch.edu.au/id/eprint/30201/>]