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Selected publications for

Dr Eirini Geraniou

1. Dragon, T., McLaren, B. M., Mavrikis, M. & Geraniou, E. (2011). Scaffolding collaborative opportunities: Integrating microworld use and argumentation. In A. Paramythis, L. Lau, S. Demetriadis, M. Tzagarakis & S. Kleanthous (Eds.) Proceedings of the International Workshop on Adaptive Support for Team Collaboration (ASTC-2011), held in conjunction with the International Conference on User Modeling, Adaptation and Personalization (UMAP2011), (pp. 27-35). CEUR Workshop Proceedings, ISSN 1613-0073.
2. Pearce-Lazard, D., Poulouvasilis, A. & Geraniou, E. (2010). The design of teacher assistance tools in an exploratory learning environment for mathematics generalisation. In the proceedings of the 5th European Conference on Technology Enhanced Learning (EC-TEL2010), Barcelona, 28th September-1st October 2010, pp. 260-275.
3. Geraniou, E., Mavrikis, M., Hoyles, C. & Noss, R. (2009) Design Decisions: A Microworld for Mathematical Generalisation. In M. Joubert (ed.) Proceedings of the British Society for Research into Learning Mathematics 29(3). Available at www.bsrlm.org.uk.
4. Pearce, D., Geraniou, E., Gutierrez-Santos, S., Mavrikis, M., Cocea, M., Hoyles, C., Kahn, K., Magoulas, G., Noss, R., Poulouvasilis, A. & Winters, N. (2009). An Eco-Friendly Intelligent Environment for Exploring Mathematical Generalisation. In Proceedings of the 14th Conference on Artificial Intelligence in Education (AIED 2009, Interactive Event).
5. Geraniou E, Mavrikis M, Hoyles C & Noss R (2009). Towards a Constructionist Approach to Mathematical Generalisation. Research in Mathematics Education, Volume 11, Issue 1, pp.75-76.
6. Chua B L, Hoyles C, Mavrikis M & Geraniou E (2009). Exploring the Link between Task Features and Generalisation. Research in Mathematics Education, Volume 11, Issue 1, pp.73-74.
7. Geraniou E, Mavrikis M, Hoyles C & Noss R (2008). Towards a Constructionist Approach to Mathematical Generalisation. Proceedings of the British Society for Research into Learning Mathematics 28(2), June 2008, Editor: Marie Joubert, available at www.bsrlm.org.uk.
8. Chua B L, Hoyles C, Mavrikis M & Geraniou E (2008). Exploring the Link between Task Features and Generalisation. Proceedings of the British Society for Research into Learning Mathematics 28(2), June 2008, Editor: Marie Joubert, available at www.bsrlm.org.uk.
9. Mavrikis M, Geraniou E, Noss R & Hoyles C (2008). Revisiting Pedagogic Strategies for Supporting Students' Learning in Mathematical Microworlds.

International Workshop on Intelligent Support for Exploratory Environments at the European Conference on Technology Enhanced Learning (EC-TEL), September 2008, Maastricht, Netherlands.

10. Pearce D, Geraniou E, Mavrikis M, Gutierrez S & Kahn K (2008). Using Pattern Construction and Analysis in an Exploratory Learning Environment for Understanding Mathematical Generalisation: The Potential for Intelligent Support. International Workshop on Intelligent Support for Exploratory Environments at the European Conference on Technology Enhanced Learning (EC-TEL), September 2008, Maastricht, Netherlands.
11. Pearce D, Geraniou E, Gutierrez S & Mavrikis M (2008). Issues in the Design of an Environment to Support the Learning of Mathematical Generalisation. European Conference on Technology Enhanced Learning (EC-TEL), September 2008, Maastricht, Netherlands.
12. Gutierrez S, Pearce D, Geraniou E & Mavrikis M (2008). Supporting Reasoning and Problem-Solving in Mathematical Generalisation with Dependency Graphs. Diagrams 2008: Fifth International Conference on the Theory and Application of Diagrams, Munich, Germany.
13. Geraniou, E. (2007). "The importance of motivation in independent graduate studies in mathematics", 5th Mediterranean Conference on Mathematics Education (MEDCONF2007), pp. 473-483, April 2007.
14. Geraniou, E. & Simpson, A. (2006). "The transition to graduate studies in terms of students' motivation", BERA Annual Conference, September 2006, University of Warwick, UK.
15. Geraniou, E. (2005). "Motivation: Is the students expected to have it or should it be provided?", Working papers of the Warwick summer group, Vol.1, pp. 115-122, Summer 2005, Institute of Education, University of Warwick.