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Wolfram Mathematica - a practical toolset for applied and experimental physics

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Wolfram Mathematica, and the Wolfram Language offers a wide range of integrated tools that can accelerate research and teaching by rapid modeling. With many universities in South Africa having Wolfram site licenses, it is important to make physics students and lecturers aware that they have access to a varied and powerful toolset. The author will present practical interactive applications including monitoring environmental data, importing data from sensors, interactive curve fitting and automating data collection.

Apply to be considered for a student award (Yes / No)?

No

Level for award (Hons, MSc, PhD, N/A)?

No

Would you like to submit a short paper for the Conference Proceedings (Yes / No)?

No

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