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Catherine Werner
European Science Foundation (ESF)
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Poitiers, le 6 novembre 2006

Dear Ms Werner,

here is a short summary of my short research visit to Milano, from 2/10/06 till 6/10/2006 (5 days).

The purpose of this visit was to discuss on the modular class, with links to the separation of variables and algebraic integrability. Most of the discussions took place between Rui Fernandes (Lisbonne), Marco Pedroni (Bergamo) and myself (Poitiers). We also occasionally had short interactions with Boris Dubrovin (Trieste), Franco Magri (Milano) and Gregorio Falqui (Milano). Rui Fernandes give a talk on Thursday.

The meeting was too short to obtain significant new results, but it served to purpose of enabling us to make a first exchange of ideas of how the modular class connects with the other subjects, mentionned above. We hope that in the framework of Poisson-Nijenhuis manifolds we will be able to show that the separation of variables can be read off from the modular class. Marco Pedroni also explained us an interesting related problem on Stackel separability. We plan to work further on this problem during his visit to Poitiers in the week of November 20.

Thank you very much for having supported this visit.

Yours Sincerely

Pol Vanhaecke