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Special Issue on

Polynomial System Solving in honor of Daniel Lazard

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by Parseval's formula, we have

$$\frac{1}{2\pi} \int_0^{2\pi}$$

the Beta function

$$B(a, b)$$

in the right member of (5.1). Subst

$$= \sum_{k=0}^n |a_k|^2 (n+1) B(k+1, n-k)$$

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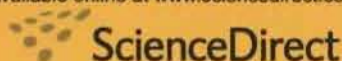
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From a scientific point of view it was easy to organize the *International Conference on Polynomial System Solving* (ICPSS) in honor of Daniel Lazard, for his retirement. The conference was successful due to the participation of numerous famous researchers in computer algebra (about 100 participants). It was much more difficult to choose the few contributions which are published in this special edition of *Journal of Symbolic Computation*: there were about 50 submissions for the conference.

Daniel Lazard had major contributions in numerous domains of computer algebra by offering theoretical results as well as algorithmic progress or significant applications. He thus has broadly contributed to the state of the art.

Researchers from various domains were present at ICPSS, offering high quality contributions either for proposing original results, describing software contributions and applications or for redrawing the scientific course of Daniel Lazard.

For this special issue, we kept original and exploratory contributions to illustrate the scientific curiosity of Daniel Lazard throughout his career.

Other contributions would have been worth being published in this special issue, but it was necessary to keep a reasonable volume. We want therefore to thank some authors for being kind enough to submit their contributions in another edition of *Journal of Symbolic Computation* as well as Hoon Hong, the editor in chief, for his contribution to the conference as well as for his help for the edition of this volume.

Jean-Charles Faugère and Fabrice Rouillier