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Liblice 1967

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CONFERENCE ON BASIC PROBLEMS
OF NUMERICAL MATHEMATICS, LIBLICE 1967

The Mathematical Institute and the Institute of Computational Technics of the Czechoslovak Academy of Sciences organized from September 11 to 15, 1967, a special scientific Conference under the title Basic Problems of Numerical Mathematics. The subject of this Conference were the problems connected with the choice of algorithms, especially the problems of optimality and numerical stability.

The Conference took place in the Baroque castle of *Liblice* dating back to 1699.

This conference was the second. The first under the same title was held on 1964 also in *Liblice*.¹⁾

The Conference *Liblice 1967* had four working days, one day was devoted to rest and to an excursion to Northern Bohemia and to the visiting of glass factory *Borské sklo*.

In the morning sessions the following invited lectures were presented:

September 11: J. H. WILKINSON (Gr. Britain): *A Survey of Error Analysis of Matrix Algorithms*.

I. BABUŠKA (Czechoslovakia): *Problems of Optimization and Numerical Stability in Computations*.

September 12: T. FREY (Hungary): *Über die Optimierung von numerischen Algorithmen*.

R. E. MOORE (USA): *Practical Aspects of Interval Computation*.

September 14: G. I. MARČUK (USSR): *Splitting-on Method*.

G. H. GOLUB (USA): *Least Squares, Singular Values and Matrix Approximations*.

September 15: H. C. Бахвалов (USSR): *Об оптимальных методах решения задач*.

The afternoon sessions were devoted to the discussion of scientific communications.

The conference was opened by an address by I. Babuška as chairman of the organizing committee and by F. Zrček, director of the Institute of Computational Technics of the Academy.

¹⁾ See *Aplikace matematiky 10* (1965) No 2—3.

In addition to the 7 main lectures 20 communications were delivered. The symposium was attended by 37 foreign participants from 11 countries and 21 Czechoslovak specialist.

The present issue²⁾ of our journal contains the text of invited lectures. The next number will contain texts of communications.

²⁾ Marčuk's lecture will issue in the next number.