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References should be listed alphabetically in the following form:

[1] J. Schwartz: *Nonlinear Functional Analysis*, Gordon and Breach, New York, 1969.

[2] J. Karamata: *Sur un mode de croissance régulière des fonctions*, Mathematica (Cluj), 4 (1930), 38-53.

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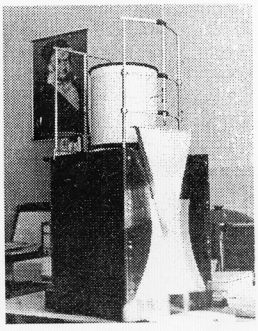

This photo presents an example of an analogue computer whose work was based on the principle of liquid motion when submerging a profiled body into a precisely defined vessel. It solved a wide range of diferential equations. This computer, invented by Serbian mathematician Mihailo Petrović (1868 - 1943) was presented in Paris Academy of Science 1897 (Comptes rendus, Paris 1897, t. CXXIV, 20) and in United States of America in 1898 (American Journal of Mathematics, Baltimore 1898, Vol. XX, 4). Mihailo Petrović was awarded with a gold medal for this significant deed at World Exhibition in Paris in 1900, and with a golden charter of London Association of Mathematicians in 1907.

The sample is kept at the University of Belgrade.

Idea of graphics in this volume: prof. dr Dragan Trifunović

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