## HISTORY CORNER

## MIHAILO PETROVIĆ AT THE WORLD EXHIBITION IN PARIS

Estacit des Consta verdus de l'Academie des Seconos de Devis 1997. Sur un procédé d'intégration graphique des équations afférentielles; Par M. Micana PETROVITCI.	Toctogney Mussicopy sap. ipulpose. Naussa bis his kongrussi in tapuck essent 1900 w. a consume y lock in doming visione dog yapite paget
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Description of the first analogue computing Mihai machine operating according to the principle of capillary flow of fluids published in *Comptes rendus de l'Académie des Sciences* in 1897. (State Archives of Serbia, MNP T XVII/1900) (State

Mihailo Petrovic's application to the call of the Serbian Ministry of Economy for participation in the Paris exhibition. In Belgrade on October 31, 1898.

(State Archives of Serbia, MNP T XVII/1900)

The hydro integrator made by Mihailo Petrović was shown at the World Exhibition in Paris in 1900 in the Pavilion of Serbia, designed by architect Milan Kapetanović, a professor of descriptive geometry at the Technical Faculty of the Belgrade's Grand School. At this exhibition the hydro integrator made by Mihailo Petrović was awarded by the gold medal. The device was constructed by a French specialist in precise mechanisms whose name has not been recorded. The

device exhibited at the World Exhibition had full functionality and its operation was shown to the visitors of the exhibition. It is considered to be the most fully executed example of the hydro integrator ever built. Considering that during the World Paris the International **Exhibition** in Congress of Mathematicians was being held in Paris from August 6 to August 12, 1900, the participants could inform themselves about this way of solving differential equations, and be assured about the records of its success and accuracy. This was concurrently the first congress of mathematicians in the work of which Mihailo Petrović took part.

Text taken from Stanković, Radomir 2018. Mihailo Petrović Alas's Hydro Integrator. In *Mihailo Petrović Alas: The Founding Father of the Serbian School of Mathematics*, editor Ž. Mijajlović, pp. 85 - 93. Belgrade: Serbian Academy of Sciences and Arts.