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The Hungarian „Ljapunov”: Dr. Tihamér Nemes (1895-1960).

He lived earlier as Alexey Andreevich Lyapunov, but I found several similarities in their life, e.g. he was never well accepted by the officials of the Hungarian scientific life, he followed several research activities, but he was never appointed as a scientist, but he was. He never was refused with his activities, but his ideas were not understood by the scientific public opinion (communities).

During his life, he developed and patented a lot of *cybernetical* like instruments mainly in the thirties, before Norbert Wiener (1894-1964) declared the basic concepts of the cybernetics (1948). His aim was to realize (to copy) the human act and thinking with engineering methods, mechanical elements, and electronic circuits. Only a little bit of his ideas were realized, because the level of the technical and electronic tools were not enough developed in this time.

He patented and constructed e.g. several logical machines, walking machines, chess machines etc. He was one of the constructors of the Hungarian television system, because he studied the method of the human eyes.

I am a fortunate young person, because in the last two-three years of his life, I was in an ordinary connection with him. We constructed the first Hungarian computer the M-3 between 1957-60, and he visited many times me, and questioned us about our computer. I was 24 years old, he was about 60, and I was happy to answer his questions, he was a very useful adviser. He was a very excellent speaker, too, he delivered several lectures in different institutions, and the audience enjoyed his presentations.

Unfortunately he never saw running our computer. He died.

Items:

- Alexey Andreevich Lyapunov, educational problems, and popular science or
- General problems of cybernetics.

