

CORRESPONDENCE OF MATHEMATICIANS I. LÁSZLÓ KALMÁR'S CORRESPONDENCE WITH HUNGARIAN MATHEMATICIANS

Péter Gábor SZABÓ
University of Szeged, Hungary
pszabo@inf.u-szeged.hu

László Kalmár (1905-1976) was the leader of Hungarian mathematical logic at the University of Szeged. He was an excellent mathematician and one of the best-known pioneers of Computer Science in Hungary.

The Kalmár's scientific legacy is an important source of the History of Mathematics and the History of Computer Science. He had more than 700 corresponding partners, many Hungarian and foreign mathematicians, and other scientists.

In our project, we published two books based on the Kalmár's legacy. We worked up his correspondence with 24 Hungarian mathematicians: with János Aczél, Lajos Dávid, Pál Erdős, Lipót Fejér, István Fenyő, Géza Grünwald, Béla Gyires, György Hajós, János Neumann, Andor Kertész, Dénes König, Imre Lakatos, Dezső Lázár, Tibor Radó, László Rédei, Alfréd Rényi, Frigyes Riesz, János Surányi, Tibor Szele, Barna Szénássy, Béla Szőkefalvi-Nagy, Pál Turán, Tamás Varga, and István Vincze. The books contain more than 500 letters with 1000 comments and many other documents, photos, and biographical data [1,2].

References

[1] KALMÁRIUM. Kalmár László levelezése magyar matematikusokkal (Dávid Lajos, Erdős Pál, Fejér Lipót, Grünwald Géza, Kertész Andor, König Dénes, Rédei László, Rényi Alfréd, Riesz Frigyes, Szele Tibor, Turán Pál, Varga Tamás). Összeáll.: Szabó P. G. Szeged, 2005. Polygon. 476 p.

[2] KALMÁRIUM II. Kalmár László levelezése magyar matematikusokkal (Aczél János, Fenyő István, Gyires Béla, Hajós György, Lakatos Imre, Lázár Dezső, Neumann János, Radó Tibor, Surányi János, Szénássy Barna, Szőkefalvi-Nagy Béla, Vincze István). Összeáll.: Szabó P.G. Szeged, 2008. Polygon. 424 p.

CORRESPONDENCE OF MATHEMATICIANS II. THE RIESZ BROTHERS'S CORRESPONDENCE

Péter Gábor SZABÓ
University of Szeged, Hungary
pszabo@inf.u-szeged.hu

The Riesz brothers, Frigyes Riesz (1880-1956) and Marcel Riesz (1886-1969) were great mathematicians of the 20th century. Frigyes Riesz lived in Hungary (in Kolozsvár, Szeged, and Budapest), his brother, Marcel Riesz in Sweden (in Stockholm and Lund). Their scientific works have a great significance in many parts of mathematics, and their collected papers published in two monographies [1,2].

In our project we started the collecting and reviewing the Riesz brothers's correspondence in

Lund, and carried on the preliminary studies [3] by the late László Filep (1941-2004), who worked both in Lund and in the Institute for the History of Hungarian Sciences.

We concluded that these materials definitely contain items of mathematical and historical worth, which help us understand the history of mathematical problem solving in the twentieth century [4]. This project was supported by the Grant OTKA K 67652.

References

- [1] Riesz Frigyes összegyűjtött munkái I-II. (A Magyar Tudományos Akadémia megbízásából sajtó alá rendezte Császár Ákos), Akadémiai Kiadó, Budapest, 1960.
- [2] Marcel Riesz, Collected Papers, (Edited by Lars Gårding and Lars Hörmander), Springer-Verlag, Berlin, Heidelberg, 1988.
- [3] Filep László, Szemelvények Riesz Frigyesnek Riesz Marcellhez írott leveleiből, Műszaki Szemle 27. szám, Historia Scientiarum – 1, 2004, 26-38.
- [4] Riesz Frigyes és Riesz Marcell levelezése (Submitted for publication).