

A REVIEW OF PUBLICATIONS OF THE FACULTY OF ELECTRICAL ENGINEERING, SERIES: MATHEMATICS AND PHYSICS (1956 - 1982)

Dragoš Cvetković, Tatjana Lutovac

Publications of the Faculty of Electrical Engineering, Series: Mathematics and Physics preceded Series: Mathematics. Here we present a short report on published material.

On the occasion of the 50-th anniversary of the Faculty of Electrical Engineering at the University of Belgrade we are giving a short account on the Mathematics and Physics Series of the Publications of the Faculty of Electrical Engineering. This journal had an important role in the life of the Faculty for decades. The journal published best results obtained by local researchers. It also has attracted many authors from abroad including some well known names. The journal has achieved high range mainly due to his Editor in Chief, later Honorary Editor, Professor D. S. MITRINOVIĆ.

The journal *University of Belgrade, Publications of the Faculty of Electrical Engineering, Series: Mathematics and Physics* was being published from 1956 to 1982. Series Mathematics and Physics published papers on topics in mathematics and engineering physics including theoretical electrical engineering. A total of 110 issues appeared during the period of 27 years. The number of copies printed in each issue ranged between 600 and 1000. The journal was distributed to more than 500 addresses in exchange for other journals or other publications.

A total of 762 published papers included research papers, papers on work in progress, monographs, PhD theses, bibliography papers, obituaries etc. Papers were published in Serbian, English, French, German or Russian language. Papers submitted for publication have been strictly refereed. Referees were distinguished national and foreign scientists.

Issues 1. to 28. contained single papers. The first issue with more than one paper was published in 1959. It contained papers № 29 to № 32.

The first comprehensive list of contents appeared in 1966; it contained 173 items published up to that time. Further similar lists appeared occasionally.

The following table gives the details of the editorial board changes.

<i>Papers №</i>	<i>Editorial board members</i>
1 – 209	P. MILJANIĆ, D. S. MITRINOVIĆ, D. M. IVANOVIĆ
210 – 301	D. S. MITRINOVIĆ, D. M. IVANOVIĆ
302 – 497	D. S. MITRINOVIĆ, D. M. IVANOVIĆ, D. POPOVIĆ
498 – 734	D. S. MITRINOVIĆ, D. M. IVANOVIĆ, P. M. VASIĆ, R. Ž. ĐORDJEVIĆ, B. V. STANIĆ, R. R. JANIĆ
735 – 762	D. S. MITRINOVIĆ (Honorary Editor) P. M. VASIĆ (Editor in Chief) D. M. CVETKOVIĆ, R. Ž. ĐORDJEVIĆ, D. M. IVANOVIĆ, I. LAZAREVIĆ, G. V. MILOVANOVIĆ, D. V. SLAVIĆ, B. V. STANIĆ, D. Đ. TOŠIĆ

The next table gives some basic data on published issues.

<i>Year</i>	<i>Number of issues</i>	<i>First paper №</i>	<i>Number of papers</i>	<i>Number of pages</i>
1956	10	1	10	164
1957	5	11	5	76
1958	7	16	7	79
1959	7	23	10	107
1960	10	33	16	338
1961	7	49	21	171
1962	3	70	14	117
1963	10	84	38	299
1964	3	122	10	151
1965	2	132	27	131
1966	4	159	15	145
1967	7	174	36	299
1968	4	210	33	241
1969	6	243	59	573
1970	4	302	36	272
1971	4	338	43	394
1972	2	381	31	196
1973	1	412	49	246
1974	1	461	37	270
1975	1	498	44	242
1976	3	542	35	299
1977	4	577	25	449
1978	1	602	32	234
1979	1	634	44	251
1980	1	678	38	211
1981	1	716	19	108
1982	1	735	28	170
<i>Total</i>	110	-	762	6233

The following table shows the number of published papers in regard to language, time of publishing, scientific field (\mathcal{M} athematics or \mathcal{P} hysics) and author(s) background (letters F, D, S and M denote following cases: author(s) from Faculty, author(s) from former Yugoslavia, author(s) from abroad and combinations of local and foreign authors).

Period	Science	Serbian			English				French				German			Russian			Total
		F	D	M	F	D	S	M	F	D	S	M	F	D	S	F	D	S	
1956 – 1960	\mathcal{M}	13	2	-	1	-	-	-	13	4	-	-	1	-	-	-	-	1	35
	\mathcal{P}	9	3	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	13
1961 – 1965	\mathcal{M}	6	3	-	2	4	3	-	56	9	9	1	1	-	-	1	-	97	
	\mathcal{P}	7	-	-	4	-	-	-	2	-	-	-	-	-	-	-	-	13	
1966 – 1970	\mathcal{M}	7	-	-	43	10	30	1	24	9	13	1	8	1	3	1	1	155	
	\mathcal{P}	4	-	-	17	1	-	-	-	-	-	-	-	-	-	1	-	24	
1971 – 1975	\mathcal{M}	1	-	-	65	36	63	6	1	2	10	1	3	-	4	-	-	194	
	\mathcal{P}	-	-	-	7	3	-	-	-	-	-	-	-	-	-	-	-	10	
1976 – 1980	\mathcal{M}	3	6	1	42	38	64	1	2	3	5	-	1	-	1	-	1	169	
	\mathcal{P}	-	-	-	3	2	-	-	-	-	-	-	-	-	-	-	-	5	
1981 – 1982	\mathcal{M}	-	-	-	19	16	3	5	-	-	-	-	1	-	-	-	-	44	
	\mathcal{P}	-	-	-	3	-	-	-	-	-	-	-	-	-	-	-	-	3	
Total	\mathcal{M}	30	11	1	172	104	163	13	96	27	37	3	15	1	8	2	2	694	
	\mathcal{P}	20	3	-	34	6	-	-	3	-	-	-	-	-	-	1	-	68	

Mathematics and Physics Series published parts or shortened versions of 18 doctoral theses, out of which 12 in Mathematics and 6 in Physics or Electrical Engineering. The following papers present theses in Mathematics: № 33 (S. ČETKOVIĆ), № 42 (L. KARADŽIĆ), № 174 (R. Ž. ĐORDJEVIĆ), № 242 (R. R. JANIĆ), № 329 (J. D. KEČKIĆ), № 354 (D. CVETKOVIĆ), № 356 (I. I. STAMATE), № 411 (S. M. JOVANOVIĆ), № 542 (B. M. ZARIĆ), № 543 (LJ. R. STANKOVIĆ), № 599 (G. V. MILOVANOVIĆ), № 601 (Ž. MITROVIĆ), while other theses appeared in № 244 (D. Đ. TOŠIĆ), № 245 (D. TJAPKIN), № 246 (M. R. STOJIC), № 353 (B. V. STANIĆ), № 355 (P. M. NIKOLIĆ), № 410 (Ž. TOŠIĆ).

Bibliography of publications of D. S. MITRINOVIĆ is given in papers № 180, 491, 633 (the fourth part of the bibliography appeared in [1]) while citations of his works are presented in paper № 492. Papers № 602 and № 604 contain biography and a survey of scientific contributions of D. S. MITRINOVIĆ in the area of differential equations.

Paper № 600 is a scientific monograph entitled "Means and Related Inequalities" (in Serbian) by D. S. MITRINOVIĆ, P. S. BULLEN and P. M. VASIĆ.

Among published papers there is one written by PAUL ERDŐS a famous mathematician of the twentieth century (№ 434). Here is a partial list of mathematicians from abroad whose papers appeared in Publications:

J. ACZÉL, A. R. AMIR-MOÉZ, R. ASKEY, P. R. BEESACK, L. M. BERKOVICH, B. C. BERNDT, R. P. BOAS, O. BOTTEMA, A. V. BOYD, P. S. BULLEN, L. CARLITZ, L. COMTET, B. CRSTICI, A. M. FINK, H. GUPTA, M. JANET, M. S. KLAMKIN, M. KUCZMA, A. LUPAS, M. T. MCGREGOR, J. MUSIELAK, A. OPPENHEIM, A. SADE, W. SIERPIŃSKI, M. SKALSKY. A complete author index for Mathematics and Physics Series will appear in one of the next issues of our journal.

REFERENCES

1. R. R. JANIĆ: *Bibliografija radova profesora Dragoslava S. Mitrinovića, IV*, Univ. Beograd, Publ. Elektrotehn. Fak., Ser. Mat., **5** (1994), 49–57.

University of Belgrade,
Faculty of Electrical Engineering,
P.O.Box 35-54, 11120 Belgrade,
Yugoslavia

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