

I. Rosenberg

THE SUMMER RESEARCH INSTITUTE OF THE
CANADIAN MATHEMATICAL CONGRESS
QUEEN'S UNIVERSITY, KINGSTON, ONTARIO

June 11, 1971

Dr Sloane
Math. Dept. Bell Tel. Lab.
Merryhill
New Jersey 07974

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A2824
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A246417

Dear Dr. Sloane:

The numbers of partially ordered sets you quoted are correct and agree with those given by Comtet (C.R. Paris 1966) and Zacharova, Jablonskii and Kudrjavcev. I am sorry that I have forgotten to change these numbers in my paper submitted to Journal of Comb. Theory (although the main table seems to be correct). I will correct them in ^{the} proofs. I really appreciate your assistance and I am very grateful that you went through all the trouble to let me know my error.

see over!

With many thanks,

sincerely yours

Rosenberg

I Rosenberg



A1035
A2824

Bell Laboratories

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June 21, 1971

Dear Professor Roentgen,

I was unable to reach you by telephone, so I write: ① I am still not happy with page 8. I find the following values for $r_1(k)$

	1, 3, 19, <u>219</u> , <u>4231</u> , 130023, 6129859	$G^*(k-2)$	A1035
	3, 6, 10, 15, 21, 28, 36	$\binom{k}{2}$	A2824
Multiply:	3, 18, 190, <u>3285</u> , <u>88851</u> , 3640644, 220674924		$r_1(k)$
2824	3, 4, 5, 6, 7, 8, 9		k

- the underlined values differing from yours.

② On page 4 you state that $r_k(k) = \dots$ if $k = p^n$ and $r_k(k) = 0$ otherwise. For $r_4(k)$ read $r_3(k)$, twice!

(3) then for $\pi(6)$ I find

$$3285 + 35 + 0 + 201 + 1490 + 414 = \underline{5425}$$

not 5830, & sorry

$$\pi(7) = \underline{7849700}$$

using your values for $r_2 - r_6$.

(4) On page 8 you state

$$r_6(7) = 548952928516$$

- do you mean to say $r_5(8)$?

As you can tell, I am eager to obtain the correct values of these sequences for my book. Perhaps you could send me a corrected version of the page?

With best wishes

Yours sincerely

Neil Sloane

P.S. Could you please send me some other reprints of yours?

I. Rosenberg

THE SUMMER RESEARCH INSTITUTE OF THE
CANADIAN MATHEMATICAL CONGRESS
QUEEN'S UNIVERSITY, KINGSTON, ONTARIO

July 6, 1971

Dear Dr. N. Sloane:

Thank you for your letter. I was not here
so I am answering your letter only now.

It seems to me that you have got a copy
of the original version of my paper. Following
the suggestions of the referee and a communication
by Zahorova, Kudriavcev and Jablonskii, I have
corrected the values in the table as follows:

k	r_1	r_2	r_3	r_4	r_5	r_6	Σ
2	1	1	1	0	2	0	5
3	3	1	1	3	9	1	18
4	18	3	1	13	40	7	82
5	190	6	6	50	355	36	643
6	3,285	35	0	201	11,490	171	15,182
7	88,851	120	120	875	7,758,205	813	7,848,984

A2824
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2824
A8827?
see over
2826

You are right also about the indices ($r_3(k)$)
on page 4 twice and $r_5(8)$ on page 8 should
be $r_5(8) = 549, 758, 283, 980$

Since I am moving from Saskatoon
to Montreal I have no access to my papers.
Therefore I will be able to send you a corrected
version of my paper only in September.

I enclose some of my papers. I would
like to draw your attention to some
papers enumerating Sheffer functions
(see the attached list). Probably you are
familiar with them. There is also a series
of papers by Strazdins, concerning
symmetrical operations in many-valued
logics. Would you be interested in them?

With many thanks,

Sincerely yours

 Rosenberg

I. Rosenberg

JUL 28 1971

Dr. I. Rosenberg
The Summer Research Institute of the
Canadian Mathematical Congress
Queens University
Kingston, Ontario
CANADA

Dear Dr. Rosenberg:

Thank you very much indeed for sending me your reprints, and for the corrections to your manuscript -- it seems o.k. now!

Some of the references you mentioned I knew about, but not all of them. Many thanks for all your help.

With best wishes.

Yours sincerely,

MH-1216-NJAS-j1

N. J. A. Sloane

Copy to
Mr. W. O. Baker

APPROVED:

H. O. Pollak