

## ADDENDUM

RUDOLF A. MATHON, KEVIN T. PHELPS & ALEXANDER ROSA, *A class of Steiner triple systems of order 21 and associated Kirkman systems*, *Math. Comp.* **37** (1981), 209–222.

In the above paper, two STSs of type A (with 3 subsystems of order 7) were inadvertently omitted. The following additions should be made:

In Table 1:

A.5  $0_1 1_1 3_1$   $0_2 1_2 3_2$   $0_3 1_3 5_3$   $0_1 0_2 0_3$   $0_1 1_2 2_3$   $0_1 2_2 5_3$   $0_1 3_2 1_3$   
 $0_1 4_2 6_3$   $0_1 5_2 4_3$   $0_1 6_2 3_3$

A.6  $0_1 1_1 3_1$   $0_2 1_2 3_2$   $0_3 1_3 5_3$   $0_1 0_2 0_3$   $0_1 1_2 2_3$   $0_1 2_2 6_3$   $0_1 3_2 5_3$   
 $0_1 4_2 3_3$   $0_1 5_2 1_3$   $0_1 6_2 4_3$

In Table 2:

No.	$G$	$R$	$K$	$F$	$k_6$	$k_7$	$k_7$ -base vector
A.5	42	0	0	63	4207	105	6 6 6 9 13 13 13 13 13 13
A.6	42	22	3	63	4515	119	8 8 8 13 13 13 13 13 13 17

In Table 3:

1	00	31	12	53	66	47	28	00	31	12	53	66	47	28	00	51	52	23	55	68	49
2	60	51	32	15	37	48	59	60	21	02	43	56	37	18	60	41	42	13	45	58	39
3	40	21	22	63	25	38	19	40	01	52	23	36	17	68	40	21	22	63	25	38	19
4	10	11	42	03	36	58	69	20	51	32	03	16	67	48	50	31	32	03	35	48	29
5	20	61	52	04	17	68	49	04	14	24	34	44	54	64	04	14	24	34	44	54	64
6	30	41	02	24	05	56	18	05	15	25	35	45	55	65	20	01	02	43	05	18	69
7	43	14	54	64	35	06	29	10	41	22	63	06	57	38	06	16	26	36	46	56	66
8	13	44	55	07	27	67	39	30	61	42	13	26	07	58	07	17	27	37	47	57	67
9	50	01	62	23	34	45	08	50	11	62	33	46	27	08	10	61	62	33	65	08	59
10	33	65	16	26	46	57	09	09	19	29	39	49	59	69	30	11	12	53	15	28	09
					A.6a						A.6b										A.6c

In Table 4:

No.	$G$	$k_6^\perp$	$k_7^\perp$	$d$
A.6a	3	461	14	$\infty$
A.6b	7	371	4	$\infty$
A.6c	21	518	11	$\infty$

Thus, the total number of nonisomorphic STSs of order 21 with an automorphism consisting of 3 disjoint cycles of length 7 is 97. Of these, 7 are resolvable, yielding a total of 33 nonisomorphic KTSs of order 21.

RUDOLF A. MATHON  
KEVIN T. PHELPS  
ALEXANDER ROSA

Department of Computer Science  
University of Toronto  
Toronto, Ontario M5S 1A4  
Canada

Department of Discrete and Statistical Sciences  
Auburn University  
Auburn, AL 36849

Department of Mathematics & Statistics  
McMaster University  
Hamilton, Ontario L8S 4K1  
Canada