THE 19TH INTERNATIONAL PUZZLE PARTY

AUGUST 1999

LONDON

IPP 19 LD UK

This Puzzle was in all the Registration Packs
Many thanks to Rudolfo Kurchan.

IPP19 Sliding Block Puzzle
by Rodolfo Kurchan
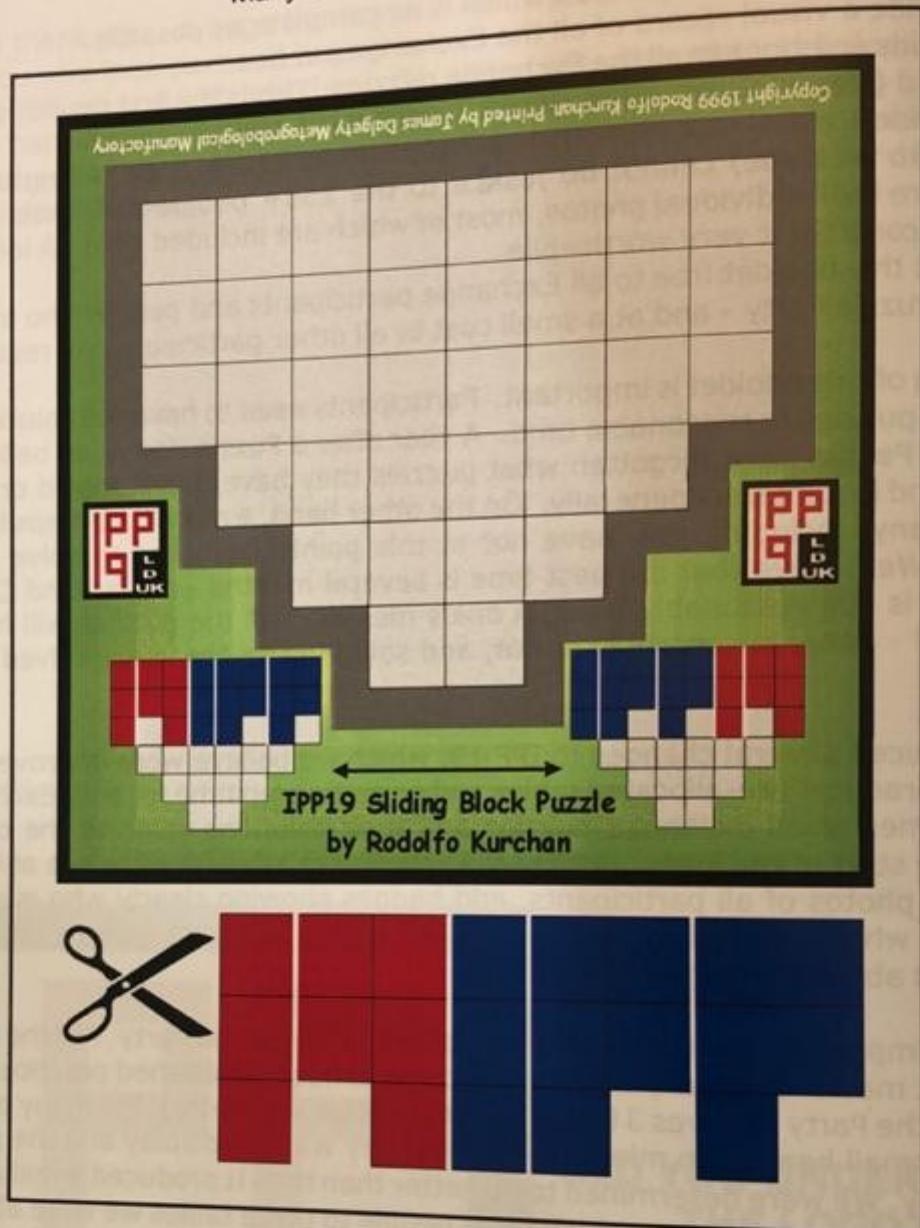
SOLUTION by Edward Hordern

The pieces are 1 9 I P P.
u, d, l, r, = up, down, left, right.
* = move only one unit (square).

P-d, I-r, 9-r*d, 1-r, 9-ul, 1-l, P-lu, I-d, P-r, 1-rdr,
9-rd, P-l, 9-ur, 1-lul, 9-l, I-ldl, P-ld, 9-r, P-u*r, 1-urd,
P-r, I-ul, 1-l, P-l, P-lul, 1-ruru.

26 moves

Rodolfo Kurchan

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PUZZLE
Name : 1999 - 2000
Class : SEQ-SIMP
Dimen.: 2D
Pieces: 15 + Tray
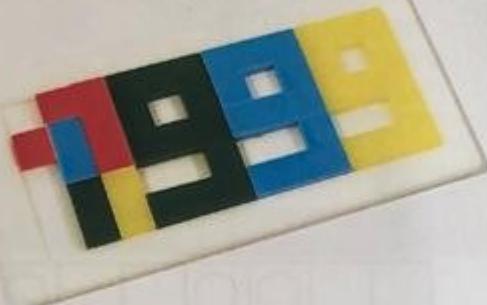
Solution: I found this 89 move solution using the 90 move solution found by Jim Leonard.

1	1-A1	2	3-B1	3	7-D1	4	0-E2	5	2-A2
6	B-A3	7	0-D5	8	4-E2	9	0-D2	10	B-B5
11	0-D5	12	4-C3	13	7-D3	14	3-D2	15	1-E1
16	2-B1	17	4-A1	18	3-B2	19	0-A3	20	7-B3
21	6-D2	22	8-E2	23	A-E4	24	C-C7	25	A-E7
26	B-D6	27	6-D3	28	8-E3	29	1-D2	30	8-E1
31	6-E3	32	7-C4	33	0-C3	34	5-B3	35	C-C6
36	9-B6	37	A-C9	38	B-D9	39	6-E6	40	8-E3
41	1-E1	42	8-D2	43	7-B4	44	C-E2	45	6-D4
46	B-B7	47	A-E7	48	B-C7	49	9-B7	50	B-B8
51	A-E5	52	B-D9	53	9-B6	54	B-C10	55	A-E7
56	6-E4	57	7-C4	58	9-B7	59	5-B4	60	7-B5
61	0-B3	62	8-C3	63	C-D2	64	6-E2	65	7-D6
66	6-E3	67	C-D3	68	3-D2	69	0-C2	70	5-B3
71	7-C7	72	5-B4	73	6-E4	74	8-C4	75	0-A3
76	3-B3	77	1-C2	78	C-E1	79	3-D3	80	1-D2
81	8-B2	82	3-B5	83	8-D4	84	0-E3	85	1-C4
86	2-A3	87	8-C1	88	1-D1	89	3-C4		
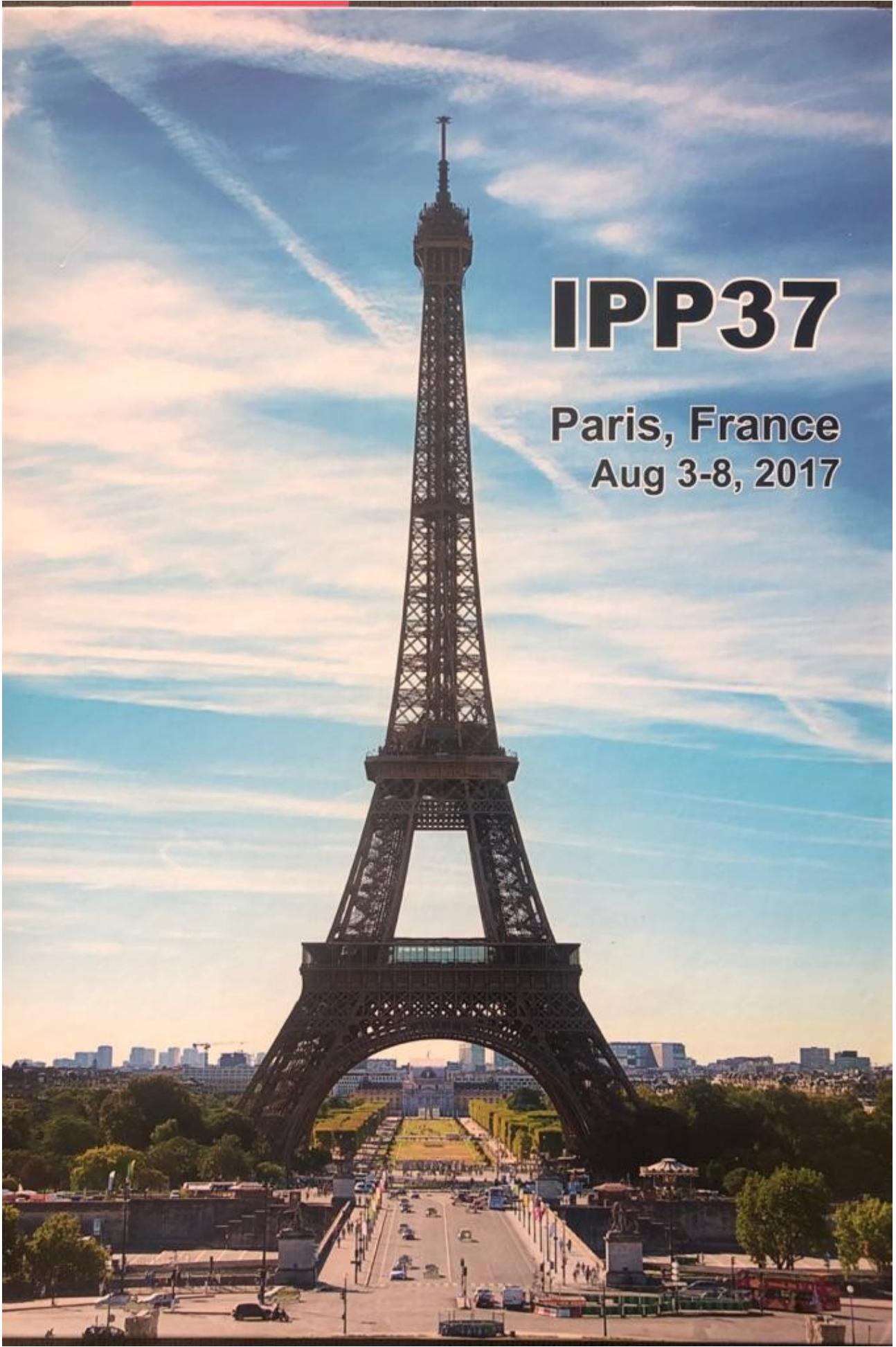
IPP37

Paris, France
Aug 3-8, 2017

Tetrominoes 12345

Argentina

Exchanger: **Rodolfo Kurchan**
Designer: Rodolfo Kurchan
Assistant: Clive Panto
Manufacturer: Kadon Enterprises, Inc.
Material: Acrylic
Puzzle Type: Put-together puzzle
Classification: [1.1] 2-Dimensional assembly puzzle / [ASS-CART] Assembly of cartesian parts
Objective: *see below*

Pieces:

The puzzle consists of 1 O-tetromino, 2 I-tetrominoes, 3 L-tetrominoes, 4 T-tetrominoes and 5 S-tetrominoes, and an 8x8 board with four grey 1x1-pieces.

1x ▪ 2x ▮ 3x L 4x T 5x S
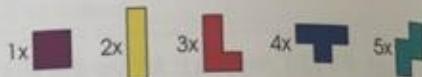
Objectives:

1. Fit all 15 pieces into each of the given grids number 1, 2 and 3 (see picture on the right) so that all areas having the same color are connected edgewise (unique solution). Gray squares are empty spaces. You can use the single squares to fill them.

2. Place the four single grey squares into the shaded unit areas of the grids 4, 5, 6, 7 and 8 as shown on the right and put the pieces into ...

   a) ... each of these figures such that different pieces of the same color do not share common sides.

   b) ... each of these figures such that different pieces of the same color do not even share common corners.
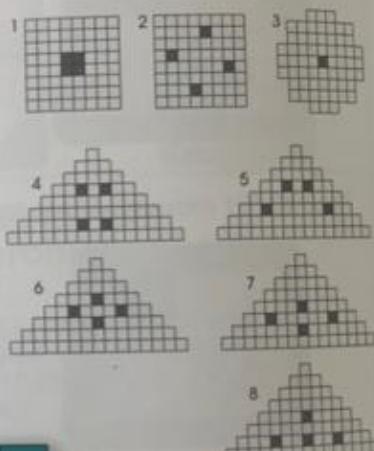
Solutions:

All solutions for challenge 4,5,6,7 and 8 are of type 2b.