

CIRCUIT

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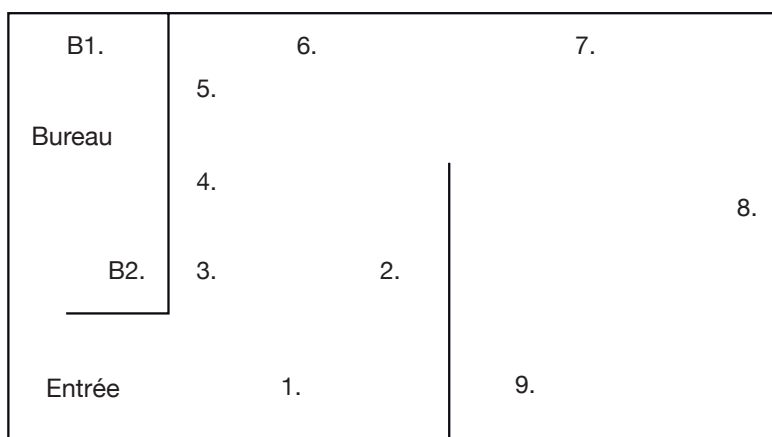
TOM JOHNSON

Les dames du Révérend Kirkman et autres jeux

Une proposition de Curtat Tunnel

Exposition du 7 septembre au 3 novembre 2012
Vernissage le vendredi 7 septembre 2012 à 18h00

Horaire: je-ve-sa de 14h à 18h et sur rendez-vous



1. PERMUTATIONS of 1,2,3,4 serie, 2012

encre sur papier, 29,7 x 42 cm

de gauche à droite, de haut en bas:

- 24 permutations of (1,2,3,4) connected by transpositions (12), (13), (14)
- 24 permutations connected by transpositions (12), (13), and (14)
- 24 permutations of (1,2,3,4) transformed by 2 (431) and 3 (421)
- 24 permutations of (1,2,3,4) connected by permutations (123) and (234)
- 24 permutations of (1,2,3,4) transformed by (1234) in solid lines and (1342) in dotted lines
- 24 permutations of (1234) connected horizontally by (12) transpositions, vertically by (34) and diagonally by (23)
- The 24 permutations of 1,2,3,4
- The 24 permutations of 1,2,3,4
- The 24 permutations of 1,2,3,4

2. BLOCK DESIGNS serie, 2012

encre sur papier, 50 x 70 cm

de gauche à droite:

- (11,4,6) The 55 blocks connected when 3 elements are common, the white triangles contain six elements and the gray triangles contain five

- (12,3,2) The 44 blocks connected when they have no common elements, forming groups of 4 blocks with 12 elements
- The 55 blocks of (11,4,6) connected when they have no common elements
- (13,5,5)
- (12,4,3) The 66 pairs connected when they form one of the 33 blocks. Each block shown 3 times
- (10,4,2) showing all three occurrences of 6 of the 15 blocks and the surrounding formations by connection of pairs
- (13,5,5) The 39 blocks in a special formation
- (12,3,2) The 44 blocks connected when they have 2 common elements
- (11,5,6) 99 blocks connected when they have no elements in common

3. JUGGLING PATTERNS serie, 2012

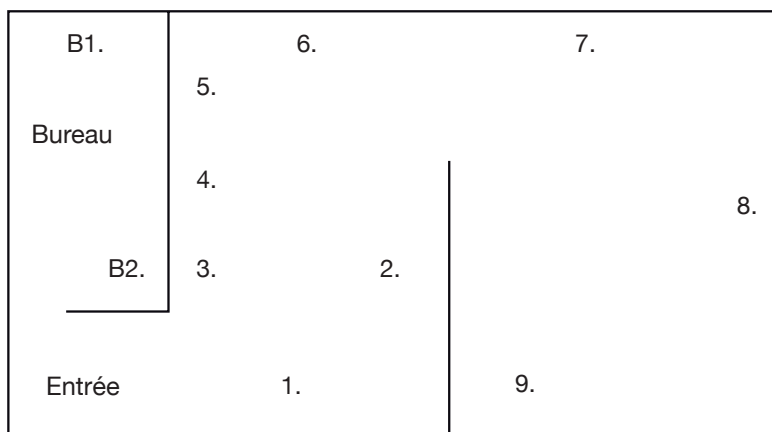
encre sur papier, 29,7 x 42 cm

de gauche à droite, de haut en bas:

- Perfect juggles with 3 balls in a cycle of 7 beats
- Braiding patterns to juggle
- Two jugglers, five balls, 20-beat cycles
- Juggling three balls with patterns 441

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4. RHYTHMIC CANONS serie, 2012

encre sur papier, 29,7 x 42 cm

de gauche à droite, de haut en bas:

- Kientzy loops
- Tilework for bass
- 6 note rhythm in 4 voices
- Rationnal melody number 15
- Loops for orchestra
- Tile works for bass
- Rhythm 10011001 in six voices
- Rhythmic canons in 5 voices
- More canons
- More canons
- Tilework for bass

5. SUBSETS serie, 2012

encre sur papier, 29,7 x 42 cm

de gauche à droite, de haut en bas:

- Sums of 3 to 17
- Six-choose-three subsets and five-choose-three subsets
- Triplets with sums of 22, connected by minimal differences
- Sum of 17 and 18
- 10 triplets 0 to 4 connected by minimal differences on the loop / 20 triplets 0 to 5, connected by minimal differences on the loop
- Single numbers contained in pairs of numbers

6. BLOCK DESIGNS serie, 2012

encre sur papier, 21 x 29,7 cm

de gauche à droite, de haut en bas:

- One solution for (9, 4, 3), the 14 blocks split in pairs of elements
- (9,4,3)
- (9,4,3)
- (9,4,3)
- (9 4 3)
- (11,4,6)

- Two views of (7, 3, 2)

- One solution for (9, 4, 3), the 14 blocks split in pairs of elements

- Two views of (6, 3, 2), the smallest of all block design

7. 55 CHORDS serie, 2009

encre sur papier, 21 x 29,7 cm

encadrés

Chaque dessin contient 10 éléments avec 6 connections et 10 éléments avec 2 connections.

- 11 subgroups of 55 Chords

8. BLOCK DESIGNS serie, 2012

category CLARINET TRIO

encre sur papier, 50 x 70 cm,

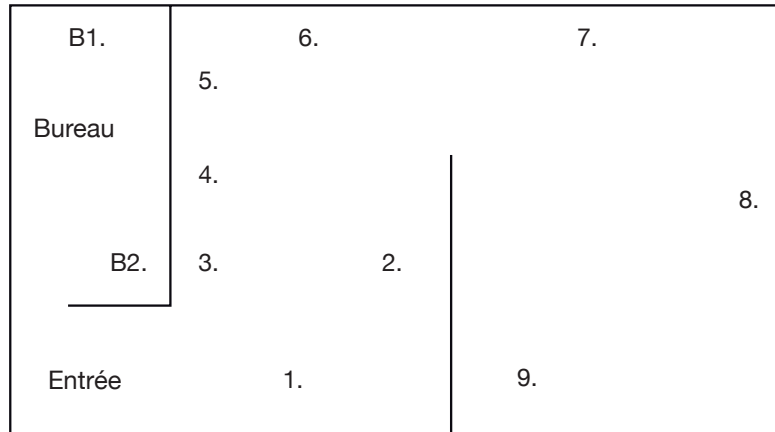
dessins prêtés par le FRAC Franche-Compté)

de gauche à droite :

- The 44 blocks of (12,3,2), connected by common elements in rectangle of four blocks
- The 44 blocks of (12,3,2) connected when four blocks contain all 12 elements
- The 44 blocks of (12,3,2) connected when they have two elements in common
- The 44 blocks of (12,3,2) separated into those containing one circled element, connected when blocks have two common elements
- The 44 blocks of (12,3,2) connected when they have two common elements
- Adjacent boxes of one and two elements each define one of the blocks of (12,3,2)
- 11 « Pasch » configurations from (12,3,2). Four blocks from six elements, each element in two blocks

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9. KIRKMAN LADIES serie, 2009

encre sur papier, 50 x 70 cm

Parmi les 80 manières de construire un (15, 3, 1) Block Design, comme l'a fait le révérend Kirkman en 1847, ces solutions permettent aux 15 femmes de marcher ensemble 5 par 3.

de gauche à droite :

- #1
- #2
- #4
- #5
- #6
- #7
- #10
- #15
- #17
- #19
- #31
- #37
- #38
- #57
- #61
- #63
- #67
- #69
- #72
- #75
- #79
- #80

Editions CIRCUIT

B1.

Ellie Ga

Sans titre, 2012

45 ex. numérotés et signés,
typographie sur Lessebo Natural, 240 g.,
51 x 36 cm, imprimée à Druckwerk
durant la LISTE 17, Bâle

disponible au prix de 250.-chf

B2.

Circuit

Liste, 2012

45 ex. numérotés,
typographie, 50 x 70 cm,
sur Lessebo Smooth Natural 240 g.,
imprimés par Marcel Göhring à Druckwerk
durant la LISTE 17, Bâle

disponible au prix de 50.-chf