

Solutions for “Sudo-Lyndon” puzzles

G. Richomme

LaRIA, Université de Picardie Jules Verne
33 Rue Saint Leu, 80039 Amiens cedex 01, France
gwenael.richomme@u-picardie.fr
<http://www.laria.u-picardie.fr/~richomme>

December 19, 2006

Solution for Puzzle 1:

a	a	b	a	b
a	b	b	b	b
b	a	b	a	a
a	b	a	b	b
b	b	a	b	a

Solution for Puzzle 2:

a	a	a	a	b	b	a	a	b
a	a	b	a	b	a	a	b	b
a	b	b	a	b	b	b	b	b
b	a	a	b	a	a	a	a	a
a	b	b	b	a	b	b	b	b
a	a	b	b	a	a	b	b	b
b	b	b	a	a	a	b	b	a
b	b	b	b	a	a	b	b	a

Solution for Variant 1:

	4	5	3	3	2	2
2	a	a	b	b	b	b
2	a	a	b	b	b	b
4	a	a	a	a	b	b
2	a	a	b	b	b	b
5	b	a	a	a	a	a
4	b	b	a	a	a	a

Solution for Variant 2:

		3	4	2	2	2
2	a	b	a	b	b	
3	a	a	a	b	b	
2	a	a	b	b	b	
3	b	a	b	a	a	
3	b	a	b	a	a	

Solution for Variant 3:

a	a	b	a	b	b
a	a	b	a	b	b
a	b	b	b	b	b
b	b	b	b	b	a
b	b	a	a	a	a
b	b	a	b	a	a

Solution for Variant 4:

a	a	b	a	b	b	a	b	b
a	a	b	b	b	b	b	b	b
a	b	b	b	b	b	b	b	b
b	a	b	a	a	b	a	a	a
a	b	a	b	b	*	b	b	b
a	a	a	b	*	b	b	*	b
b	b	b	b	b	*	b	b	a
b	b	*	b	a	*	b	a	a
b	b	a	b	a	a	b	a	a

Solution of the grid in the conclusion:

a	b	a	b	a	b	a	b	b
a	a	b	a	b	a	a	b	b
b	b	a	b	a	b	b	a	a
a	a	b	a	b	a	a	b	b
b	b	a	b	a	b	b	a	a
a	a	b	a	b	a	a	b	b
b	b	a	b	a	b	b	a	a
a	a	b	a	b	a	a	b	b
b	a	b	a	b	a	b	a	a

Additional grids

Puzzle +1 (Variant 1):

	4	5	5	2	5	2
1						
4						
5						
4						
4						
5						

Puzzle +2 (Variant 1):

	4	3	5	2	2	2
2						
2						
4						
2						
5						
4						

Additional grids – solutions

Puzzle +1 (Variant 1):

	4	5	5	2	5	2
1	b	b	b	b	b	a
4	a	a	a	b	a	b
5	b	a	a	a	a	a
4	a	a	a	b	a	b
4	a	a	a	b	a	b
5	a	a	a	a	a	b

Puzzle +2 (Variant 1):

	4	3	5	2	2	2
2	a	b	a	b	b	b
2	a	b	a	b	b	b
4	a	a	a	a	b	b
2	a	b	a	b	b	b
5	b	a	a	a	a	a
4	b	a	b	a	a	a

Make your own Sudo-Lyndon grids

