# Linking 200 Cells by Prasanna Seshadri

Grids 1-2: Follow regular LITS rules. Between the two LITS grids, the corresponding white cells can never both be shaded, while the corresponding gray cells must be identical in the three 200-shaped regions.

Use the LITS solutions and your ingenuity to discover the needed constraints for Grids 3-4. For Grid 3, you will find that some gray circles must change color to white or black.

Grid 3: Follow regular Balance Loop rules. Additionally, the loop must cross itself if it passes through a gray circle. The loop must go straight throught the gray circle both times; in one direction the path behaves as if the circle is white with equal loop lengths, and in the other direction the path behaves as if the circle is black with unequal loop lengths. It is not required that the loop pass through all of the gray circles (but it must pass through all white and black circles).
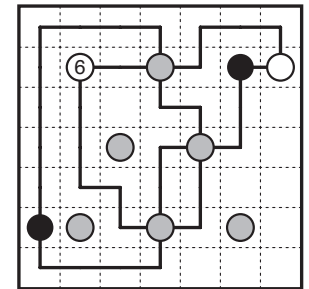
Grid 4: Follow regular Yajilin rules.

When taken together, the grids yield a short final answer! Send this (less than five character) string to hiddencontest@gmpuzzles.com by March 14th, 2021 to be eligible to win an e-book by Prasanna Seshadri.

Grid 1 **LITS**	**Grid 3** **BALANCE LOOP** **(CRISSCROSS)**
Grid 2 **LITS**	**Grid 4** **YAJILIN**

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Top-left grid

W	C20	-	W	4	C15	W	C12	R4	C14	B	R2	-	C15	3	W	R1	C14	4	W
2	B	B	R2	C3	C2	R7	B	3	C2	-	C16	W	C19	B	C18	8	6	R5	R4
C3	R9	C3	R4	6	B	6	C4	R1	B	B	R6	-	R6	R5	W	W	R5	W	C10
R5	R4	4	8	6	C4	B	W	W	8	W	R2	R7	-	C15	W	C5	R5	C12	-
R5	R1	C20	W	R3	C4	R3	-	C8	R2	4	C7	W	6	B	-	R2	C13	C2	C4
R3	4	-	B	C14	4	C7	4	R6	-	8	W	C6	R3	-	R6	B	W	-	W
W	C6	R1	R9	R10	B	C8	R9	B	2	12	6	4	3	B	-	B	R7	12	-
C6	5	B	C2	W	C3	6	B	C1	W	C3	C10	C8	R4	W	W	C1	4	C11	R8
R5	-	B	R5	-	C14	B	-	B	C1	R10	W	-	R3	R5	C12	R6	W	R4	-
B	C14	R5	C14	-	R5	C14	-	C9	R8	W	-	C4	6	C5	W	6	C11	R4	W

Bottom-left grid

C5	R5	0	D	C3	R9	R1	R	C2	C17	R3	3	-	-	R	R2	C7	-	-	U
R5	R10	-	-	R7	C17	-	4	R2	U	0	C4	D	C4	R6	-	U	C12	-	2
R	6	C3	3	5	U	-	2	D	R7	C18	0	R7	7	R	-	2	C19	R2	R5
C1	2	C7	L	R3	C3	-	C1	C4	U	3	3	R2	1	C4	C3	4	R6	L	C13
R9	U	D	1	R5	C6	-	R1	R10	C20	D	L	C17	-	L	R3	R	R3	7	U
1	R4	C5	2	C11	3	R4	C6	R1	R6	D	R3	R6	-	R	U	C7	C5	C18	1
C4	L	D	C20	U	-	-	R4	U	-	C11	C14	C3	R7	R5	2	L	0	2	C3
R8	-	-	C7	R6	C9	0	C7	1	-	4	2	-	-	C2	R10	C2	C5	L	R2
C18	L	C20	R1	L	2	C19	1	1	C2	R3	D	R7	C6	2	C6	D	R8	R5	L
R1	2	R1	L	2	R8	2	R	C14	R5	1	L	C8	0	D	R2	0	R8	C5	1

Top-right answer grid (circled letters)

```
A  L        R        O
   N     O     G     T     Y
   A     J     2     I     0
L  I  N        !        !
```

Bottom-right answer grid

```
      N  B           L              H
               N        Y     C     U     G
               ?        G     Y     H     I
      B  C  M        ?           ?
```