

8	4	9	6	1	3	5	2	7
<small>1 5 6 7</small>	<small>1 5 6 7</small>	<small>1 2 5</small>	<small>2 7 8</small>	<small>2 7 9</small>	<small>2 7 9</small>	<small>4 1 6 8</small>	<small>3 6 8</small>	<small>3 6 8</small>
3	<small>1 6 7</small>	<small>1 2 6</small>	<small>2 7 8</small>	4	5	<small>1 9</small>	<small>1 8 9</small>	<small>6 8</small>
4	8	6	<small>1 3 5 7</small>	<small>5 7</small>	<small>1 7</small>	2	<small>3 7</small>	9
<small>1 7 9</small>	2	<small>1 3 7 9</small>	<small>4 7</small>	8	<small>4 6 7 9</small>	<small>3 7</small>	5	<small>4 6 7</small>
<small>5 7 9</small>	<small>5 7 9</small>	<small>5 7 9</small>	<small>3 2 3 7</small>	<small>4 7</small>	<small>6 4 7 9</small>	<small>2 6 7 9</small>	8	<small>4 6 7</small>
<small>1 5 6 7</small>	<small>1 5 6 7</small>	8	9	3	<small>1 4 6 7</small>	<small>1 4 7</small>	<small>1 4 7</small>	2
2	<small>1 3 6 9</small>	7	<small>1 4 5</small>	<small>5 6 7</small>	<small>1 4 6</small>	<small>1 3 9</small>	<small>1 3 4 8 9</small>	<small>4 8</small>
<small>1 9</small>	<small>1 3 9</small>	4	<small>1 7</small>	2	8	6	<small>1 3 7 9</small>	5

Niveau 9-10. En bleu, les placements.

8	4	9	6	1	3	5	2	7
<small>1 5 6 7</small>	<small>1 5 6 7</small>	<small>1 2 5</small>	<small>2 7 8</small>	<small>2 7 9</small>	<small>2 7 9</small>	<small>4 1 6 8</small>	<small>3 6 8</small>	<small>3 6 8</small>
3	<small>1 6 7</small>	<small>1 2 6</small>	<small>2 7 8</small>	4	5	<small>1 9</small>	<small>1 8 9</small>	<small>6 8</small>
4	8	6	<small>1 3 5 7</small>	<small>5 7</small>	<small>1 7</small>	2	<small>3 7</small>	9
<small>1 7 9</small>	2	<small>1 3 7 9</small>	<small>4 7</small>	8	<small>4 6 7 9</small>	<small>3 7</small>	5	<small>4 6 7</small>
<small>5 7 9</small>	<small>5 7 9</small>	<small>5 7 9</small>	<small>3 2 3 7</small>	<small>4 7</small>	<small>6 4 7 9</small>	<small>2 6 7 9</small>	8	<small>4 6 7</small>
<small>1 5 6 7</small>	<small>1 5 6 7</small>	8	9	3	<small>1 4 6 7</small>	<small>1 4 7</small>	<small>1 4 7</small>	2
2	<small>1 3 6 9</small>	7	<small>1 4 5</small>	<small>5 6 7</small>	<small>1 4 6</small>	<small>1 3 9</small>	<small>1 3 4 8 9</small>	<small>4 8</small>
<small>1 9</small>	<small>1 3 9</small>	4	<small>1 7</small>	2	8	6	<small>1 3 7 9</small>	5

RG virtuel. Il existe nécessairement un 4 rouge générique dans le bloc 5, il reste à le trouver. En attendant ce lien fort est virtuel. Si le rouge est la bonne couleur, la double paire virtuelle rouge 3-7 en L5C47 permet d'installer un RV rouge assez conséquent.

8	4	9	6	1	3	5	2	7
<small>1</small>	<small>1</small>	<small>1 2</small>	<small>2</small>		<small>2</small>	<small>4</small>	<small>1</small>	<small>3</small>
<small>5 6</small>	<small>5 6</small>	<small>5</small>	<small>7 8</small>	<small>7</small>	<small>9 7</small>	<small>9</small>	<small>6</small>	<small>8</small>
3	<small>1</small>	<small>1 2</small>	<small>2</small>	4	5	<small>1</small>	<small>1</small>	<small>6</small>
<small>7</small>	<small>6</small>		<small>7 8</small>			<small>9</small>	<small>8 9</small>	<small>8</small>
4	8	6	<small>1 3</small>	<small>5</small>	<small>1</small>	2	<small>3</small>	9
<small>1</small>		<small>1 3</small>	<small>7 5</small>	<small>7</small>	<small>7</small>		<small>7</small>	
<small>7</small>	2	<small>1 3</small>	<small>4 7</small>	8	<small>4 6</small>	<small>5</small>	<small>4 6</small>	
<small>9</small>			<small>2 3</small>		<small>2</small>			
<small>5</small>	<small>5</small>	<small>5</small>	<small>4</small>	<small>6 4</small>	<small>6</small>	8	<small>4 6</small>	1
<small>7 9</small>	<small>7 9</small>	<small>7 9</small>	<small>7</small>	<small>7 9</small>	<small>7 9</small>			
<small>1</small>	<small>1</small>	8	9	3	<small>1 6</small>	<small>1</small>	<small>1</small>	2
<small>5 6</small>	<small>5 6</small>				<small>4 7</small>	<small>4 7</small>	<small>4 7</small>	
2	<small>1 3</small>	7	<small>1 4 5</small>	<small>5 6</small>	<small>1 4 6</small>	<small>1 3</small>	<small>1 3</small>	
<small>9</small>	<small>9</small>		<small>1</small>			<small>9</small>	<small>8 9</small>	<small>4</small>
<small>1</small>	<small>1 3</small>	4	<small>1</small>	2	8	6	<small>1 3</small>	5
<small>9</small>	<small>9</small>		<small>7</small>				<small>7 9</small>	

Installation partielle du RV rouge. Un 7 éliminé et une large extension du RG se dessine.

8	4	9	6	1	3	5	2	7
<small>1</small>	<small>1</small>	<small>1 2</small>	<small>2</small>		<small>2</small>	<small>4</small>	<small>1</small>	<small>3</small>
<small>5 6</small>	<small>5 6</small>	<small>5</small>	<small>7 8</small>	<small>7</small>	<small>9 7</small>	<small>9</small>	<small>6</small>	<small>8</small>
3	<small>1</small>	<small>1 2</small>	<small>2</small>	4	5	<small>1</small>	<small>1</small>	<small>6</small>
<small>7</small>	<small>6</small>		<small>7 8</small>			<small>9</small>	<small>8 9</small>	<small>8</small>
4	8	6	<small>1 3</small>	<small>5</small>	<small>1</small>	2	<small>3</small>	9
<small>1</small>		<small>1 3</small>	<small>7 5</small>	<small>7</small>	<small>7</small>		<small>7</small>	
<small>7</small>	2	<small>1 3</small>	<small>4 7</small>	8	<small>7 6</small>	<small>5</small>	<small>4 6</small>	
<small>9</small>			<small>2 3</small>		<small>2</small>			
<small>5</small>	<small>5</small>	<small>5</small>	<small>4</small>	<small>6 4</small>	<small>6</small>	8	<small>4 6</small>	1
<small>7 9</small>	<small>7 9</small>	<small>7 9</small>	<small>7</small>	<small>7 9</small>	<small>7 9</small>			
<small>1</small>	<small>1</small>	8	9	3	<small>1 6</small>	<small>1</small>	<small>1</small>	2
<small>5 6</small>	<small>5 6</small>				<small>4 7</small>	<small>4 7</small>	<small>4 7</small>	
2	<small>1 3</small>	7	<small>1 4 5</small>	<small>5 6</small>	<small>1 4 6</small>	<small>1 3</small>	<small>1 3</small>	
<small>9</small>	<small>9</small>		<small>1</small>			<small>9</small>	<small>8 9</small>	<small>4</small>
<small>1</small>	<small>1 3</small>	4	<small>1</small>	2	8	6	<small>1 3</small>	5
<small>9</small>	<small>9</small>		<small>7</small>				<small>7 9</small>	

L'extension du RG annule la virtualité de ce réseau qui devient réel. En effet, le 4 bleu générique de L5C4 est lié fortement avec le 4 rouge générique de L5C9 et le groupe de 4 de L6C46. Dix éliminations et le 7 de L9C4 validé, ce qui conduit à une nouvelle extension du RG. De nombreuses suppressions dans les blocs 7,8 et 9 s'expliquent par la double paire virtuelle bleue 1-7 de L7C78 générée par le 4 bleu générique de L6C8 et la double paire 5-6 réelle qui prend naissance à la suite de la disparition des deux 1 de L7C12.

8	4	9	6	1	3	5	2	7
¹ _{5 6}	¹ _{5 6}	^{1 2} ₅	² ₈	^{7 9 7 9}	²	¹ ₄	¹ _{6 8}	³
3	7	^{1 2}	² ₈	4	5	¹ ₉	¹ _{6 9}	⁶ ₈
4	8	6	^{1 5 3} _{7 5}	¹ ₇		² ₇	³ ₉	9
¹ _{7 9}	2	^{1 3} ₉	⁴ ₃	8	⁶ _{7 9}	³ ₇	5	^{4 6}
^{5 6} _{7 9}	^{5 5} ₉	^{5 5} ₉	³ ₄	^{2 3}	^{6 4 6} _{7 9 7 9}	8	^{4 6}	1
^{5 6}	^{5 6}	8	9	3	¹ ₄	¹ ₇	¹ _{4 7}	2
2	^{1 3} ₉	7	¹ _{4 5}	^{5 6} _{4 6}	¹ ₆	^{1 3} ₉	^{1 3} _{4 8 9}	^{4 8}
¹ ₉	^{1 3} ₉	4	7	2	8	6	³ ₉	5

La double paire 2-8 du bloc 2 valide le 2 de L6C6, et le 1 de L8C2 est éliminé à cause de l'alignement de 1 du bloc 7 (L9).

8	4	9	6	1	3	5	2	7
¹ _{5 6}	¹ ₆	^{1 2} ₅	² ₈	^{7 9 7 9}		¹ ₄	¹ _{6 8}	³
3	7	^{1 2}	² ₈	4	5	9	¹ ₆	⁶ ₈
4	8	6	^{1 5 3} _{7 5}	¹ ₇		² ₇	³ ₉	9
¹ _{7 9}	2	^{1 3} ₉	⁴ ₃	8	⁶ _{7 9}	7	5	^{4 6}
^{5 6} _{7 9}	^{5 5} ₉	^{5 5} ₉	³ ₄	^{2 3}	^{6 4 6} _{7 9 7 9}	8	^{4 6}	1
^{5 6}	^{5 6}	8	9	3	4	1	7	2
2	^{1 3} ₉	7	¹ ₅	^{5 6} _{4 6}	¹ ₆	3	⁴ ₈	^{4 8}
¹ ₉	^{1 3} ₉	4	7	2	8	6	³ ₉	5

La validation du 2 a déclenché une réaction en chaîne. La grille ci-dessus est en cours de validation. Le 4 de L6C4, isolé dans sa case est validé. Il invalide donc le 4 bleu générique de son bloc. Les onze candidats rouges sont les bons candidats et la grille se termine.

8	4	9	6	1	3	5	2	7
6	1	5	2	7	9	4	8	3
3	7	2	8	4	5	9	1	6
4	8	6	1	5	7	2	3	9
9	2	1	3	8	6	7	5	4
7	5	3	4	9	2	8	6	1
5	6	8	9	3	4	1	7	2
2	9	7	5	6	1	3	4	8
1	3	4	7	2	8	6	9	5

Cas intéressant, car nous sommes partis d'un RG virtuel, donc à un seul élément avec lien fort virtuel, et cet élément était bleu générique. Or le bleu est la mauvaise couleur, ce qui ne nous a pas interdit de résoudre la grille.