Fibonacci's Secret Sudoku

The Fibonacci sequence is a number pattern linked to growth in nature and the golden ratio.
Starting with 1 and 1, add the two previous numbers to calculate each next number.

Decode the clues

Fill in the first 18 Fibonacci numbers in order, beginning with 1, 1. Each blank holds one digit; commas separate numbers. Transfer each digit to the cell named below it: R5C6 means row 5, column 6. The zero marked “Not used” stays out of the grid.

____	,	____	,	____	,	____	,	____	,	____	,	____	____	,	____	____	,
R5C6		R7C8		R9C9		R7C3		R1C3		R9C4		R3C2	R1C8		R3C1	R6C1	
____	____	,	____	____	,	____	____	,	____	____	____	,					
R5C4	R1C2		R7C6	R5C9		R6C9	R6C1		R9C5	R9C3	R2C6						
____	____	____	,	____	____	____	,	____	____	____	,	____	____	____	,		
R1C7	R8C5	R4C9		R3C6	R9C2	R1C1		R4C1	R8C3	Not used		R3C7	R7C1	R6C3			
____	____	____	____	,	____	____	____	____									
R2C9	R6C5	R6C8	R4C4		R6C6	R3C4	R8C7	R7C9									

Solve the Sudoku

After transferring the clues, fill every row, column, and 3 × 3 box with the digits 1–9 exactly once. Rows run top to bottom; columns run left to right.

	C1	C2	C3	C4	C5	C6	C7	C8	C9
R1									
R2									
R3									
R4									
R5									
R6									
R7									
R8									
R9									

Solution

The completed Fibonacci sequence

1, 1, 2, 3, 5, 8, 13, 21, 34, 55, 89, 144, 233, 377, 610, 987, 1597, 2584.

The zero in 610 is not transferred to the Sudoku grid.

Completed Sudoku

	C1	C2	C3	C4	C5	C6	C7	C8	C9
R1	7	4	5	1	8	9	2	3	6
R2	3	9	6	2	7	4	5	8	1
R3	2	1	8	5	6	3	9	4	7
R4	6	5	9	7	4	8	1	2	3
R5	4	8	2	3	9	1	6	7	5
R6	1	3	7	6	5	2	4	9	8
R7	8	6	3	9	2	5	7	1	4
R8	5	2	1	4	3	7	8	6	9
R9	9	7	4	8	1	6	3	5	2