GERADEWEG

The grid contains circles with numbers in some cells. The task is to draw a single closed non-intersecting loop that passes through all the circles (not necessarily all the cells in the grid).

A given number in a circle indicates the total length of the straight segments that pass through the circle.

If the loop turns in a numbered cell, both straight segments must have the same length as the number indicates.

		5							(5)
	2				2				
	1			1		3		1	
					2				
	2		1						
		3			4	1			3
				3			2		
5			2					2	
		2				3			