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	
		2				
				2		2
3		3			1	
	3		3			4
		2		1		
				3		