6.5.3 Examples

The figures below show how the wavefront propagates through the maze and around obstacles. The red blocks indicate the cells in the fringe (wavefront). The green blocks indicate the start and endpoints. The numbers show how many steps we must make to get from the start point to the relevant block.

													G		
			3												
		3	2	3											
	3	2	1	2	3										
3	2	1	S	1	2	3									
	3	2	1	2	3										
		3	2	3											
			3												

9	8	7	6	7	8	9	10	11	12						
8	7	6	5	6	7	8	9	10	11	12					
7	6	5	4	5	6	7	8	9	10	11	12	G			
6	5	4	3	4	5	6	7	8	9	10	11	12			