

Quiz 10. Algorithms for the edit distance

1. The result after the first iteration of the Hirschberg's algorithm is shown in the figure below. Mark the cells of the grid whose values will be computed in iteration 2.

	a	t	c	a	t	g
a						
c						
a	2	2	2	1	2	3
t	3	2	2	2	1	2
a						
g						

2. If an edit distance between two substrings is 2, mark the cells in the following grid which do NOT include an optimal path of cost 2.

	a	t	c	a	t	g
a						
c						
a						
t						
a						
g						