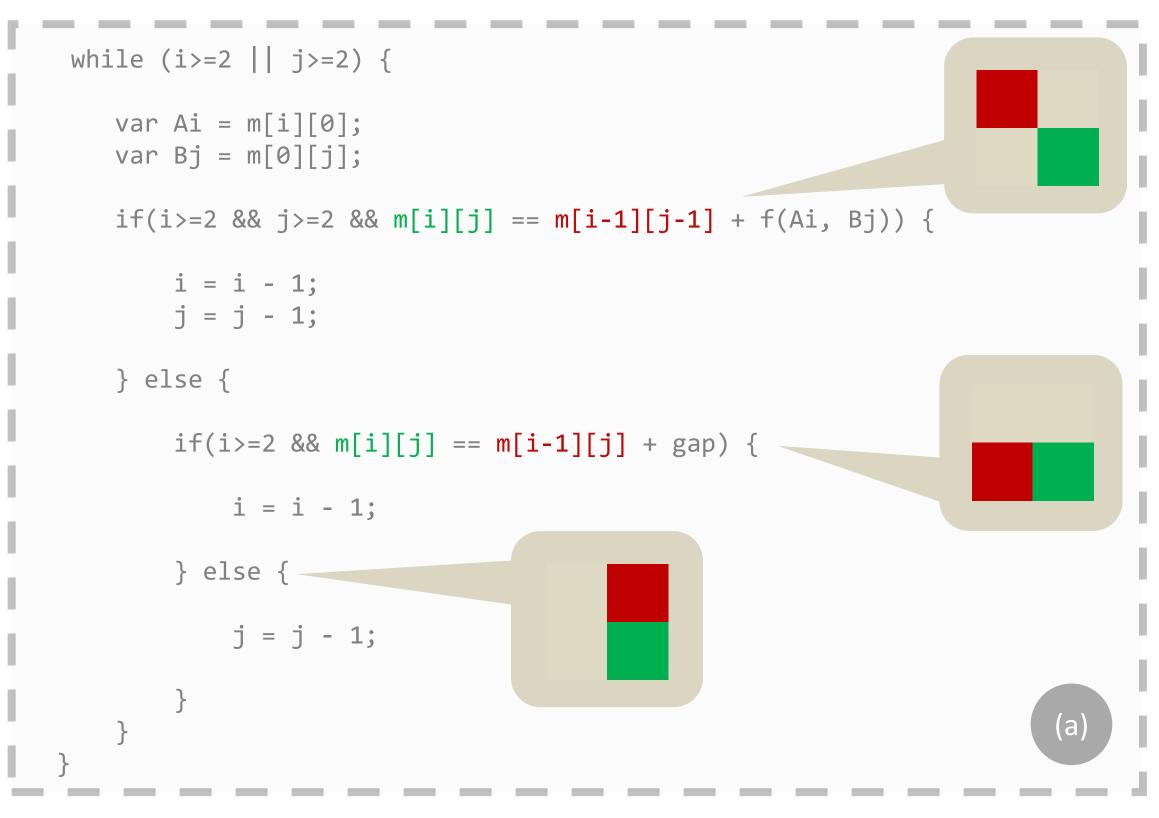
		Т	G	G	А	Т	С	G	Α
	0	-2	-4	-6	-8	-10	-12	-14	_16
Т	-2	\//hi	ich ex	nress	ion is	true?	-8	-10(1-12
G	-4			2	0	truc.	-4	6	-8
А	-6	5 =	= +3	+(-)	1)		0	-2	-4
А	-8	5 =	= +1	+(-)	2)		2	-1	0
T	-10		+7			5	5	3	1
T	-11	J -	-	T (- '	۷)		6	4	2
С	-14	-10	-6	-5	1	3		5	3
А	-16	-12	-8	-7	-3	1	5	6	. 7
G	-18	-14	-10	-6	-5	-1	3	7	5
Т	-20	-16	-12	-8	-7	-3	1	5	6
T	-22	-18	-14	-10	-9	-5	-1	3	4
А	-24	-20	-16	-12	-8	-7	-3	1	5

		Т	G	G	А	Т	С	G	А
	0	-2	-4	-6	-8	-10	-12	-14	-16
Т	-2	2	0	-2	-4	-6	-8	-10()-12
G	-4	\//hi	ch avi	nracci	on is	true?	-4	-6	-8
А	-6		2			tiue:	0	-2	-4
А	-8	3 =	: +1 -	+(-1)	(I)	5	1	-1	0
Т	-10	3 =	-1 -	+(-2)	2)	_	5	3	1
Т	-12			+(-2)		3	6	4	2
С	-14	-10	T J =	T (-Z	-)		7	5	3
А	-16	-12	-8	-7	-3	1		6	7
G	-18	-14	-10	-6	-5	-1	3	7	. 5
Т	-20	-16	-12	8	-7	-3	1	5	6
Т	-22	-18	-14	-10	-9	-5	-1	3	4
А	-24	-20	-16	-12	-8	-7	-3	1	5

		Т	G	G	А	Т	С	G	А	
	0	-2	-4	-6	-8	-10	-12	-14	-1 6	
Т	-2	2	0	-2	-4	-6	-8	-10/)-12	
G	-4	0	1	2	0	2	4	-6	-8	
А	-6	Whi	ch ex	pressi	ion is	true?	0	-2	-4	
А	-8	-4			2)	3	1	-1	0	
Т	-10			+ (+		3	5	3	1	
Т	-12			+ (-	2)		6	4	2	
С	-14	5 =	= +4	+ (-	2)	5	7	5	3	
Α	-16			-7	-3		5	6	7	
G	-18	-14	-10	-6	P	-1	3	7	5	
Т	-20	-16	-12	-8	-7	-3	f	5	6	
Т	-22	-18	-14	-10	-9	-5	-1	3	4	
А	-24	-20	-16	-12	-8	-7	-3	1	5	



Which expression is true?

m[i][j] = m[i-1][j] + gap

		Т	G	G	А	Т	С	G	А
	0	-2	-4	-6	-8	-10	-12	-14	-16
Т	-2	2	0	-2	-4	-6	-8	-10	-12
G	-4	0	4	2	0	-2	-4	-6	-8
Α	-6	-2	2	3	4	2	0	-2	-4
Α	-8	-4	0	1	5	3	1	-1	0
Т	-10	-6	-2	-1	3	7	5	3	1
Т	-12	-8	-4	-3	1	5	6	4	2
С	-14	-10	-6	-5	-1	3	7	5	3
Α	-16	-12	-8	-7	-3	1	5	6	7
G	-18	-14	-10	-6	-5	-1	3	7	5
Т	-20	-16	-12	-8	-7	-3	1	5	6
Т	-22	-18	-14	-10	-9	-5	-1	3	4
Α	-24	-20	-16	-12	-8	-7	-3	1	5



(f)

Traceback rules

Traceback rules. (a) shows the link between the implementation and the relative position of each element. (b, c, d) shows the first three iterations made by the traceback module in the global alignment case. (e) it shows the positions of the elements against which the equality is being verified. (f) show the complete traceback path and the two sequences aligned according to this path.

