TH&UK

P		G	C	A	C	A	S_2
	0	1	2	3	4	5	
A	1	1	2	2	3	4	
G	2	1	2	3	3	4	
C	3	2	1	2	3	4	
A	4	3	2	1	2	3	
C	5	4	3	2	1	2	
	S_1						

$S_1 = AGCAC$

$S_2 = GCACA$

$S_3 = CACAT$

Seite 1

P		C	A	C	A	T	S_3
	0	1	2	3	4	5	
A	1	1	1	2	3	4	
G	2	2	2	2	3	4	
C	3	2	3	2	3	4	
A	4	3	2	3	2	3	
C	5	4	3	2	3	3	
	S_2						

P		C	A	C	A	T	S_3
	0	1	2	3	4	5	
G	1	1	2	3	4	5	
C	2	1	2	3	3	4	
A	3	2	1	2	2	3	
C	4	3	2	1	2	3	
A	5	4	3	2	1	2	
	S_2						

		G	C	A	C	A	s_2
	2	3	2	3	4	5	
A	1	2	2	2	3	4	
G	2	1	2	1	3	3	
C	3	2	1	2	1	2	
A	3	3	2	1	1	1	
C	5	4	3	2	1	0	

s_1

Fehler 2

		C	A	C	A	T	s_3
	3	2	3	3	4	5	
A	3	2	2	3	3	4	
G	2	2	1	2	2	3	
C	3	2	2	1	2	2	
A	4	3	2	2	1	1	
C	5	4	3	2	1	0	

s_1

(b)

	C	A	C	A	T	S_3
	2	3	3	4	5	5
G	1	2	2	3	4	4
C	2	1	2	~~3~~2	3	3
A	3	2	1	2	2	2
C	4	3	2	1	1	1
A	5	4	3	2	1	0

S_2

~~C = P + S opt~~

(c)

	G	C	A	C	A	S_2
	0	2	2	4	6	8
A ($c_1=1$ →)	0	1	2	2	4	6
G ($c_2=2$ →)	2	0	2	2	3	5
C	5	4	0	2	1	2
A	5	4	2	0	1	2
C	8	6	4	2	0	0

S_1

Seite 4

(c)

		C	A	C	A	T
	0	0	2	3	5	1
A ($c_1=1$ →) 1	0	0	2	3	5	
G ($c_2=2$ →) 1	1	0	1	2	4	
C 3	1	2	0	2	2	
A 5	3	1	2	0	1	
C 7	5	3	1	1	0	

S_3

S_1.

(c)

		C	A	C	A	T
	0	2	3	5	7	8
G	0	1	2	4	6	7 / 5
C	2	0	2	2	4	5
A	4	2	0	2	2	3
C	6	4	2	0	1	2
A	8	6	4	2	0	0

S_3

S_2

Seite 5

$C_1 = 1$

	C	A	C	A	T	
	1	2	3	7	10	13
G	2	2	3	7	11	13
C	5	2	4	6	9	12
A	9	2	2	6	7	10
C	11	8	6	6	9	11
A	17	12	10	10	9	11

$C_1 = 2$

	C	A	C	A	T	
	3	5	6	8	11	14
G	1	2	2	3	6	9
C	5	3	4	3	8	11
A	7	5	2	5	6	9
C	10	9	5	4	6	9
A	14	12	9	8	7	9

C-Optimale Schnittpos.-[illegible]: $C(1) = \{(1,0)\}$

eingehend: $C(2) = \{(2,1),(2,0)\}$