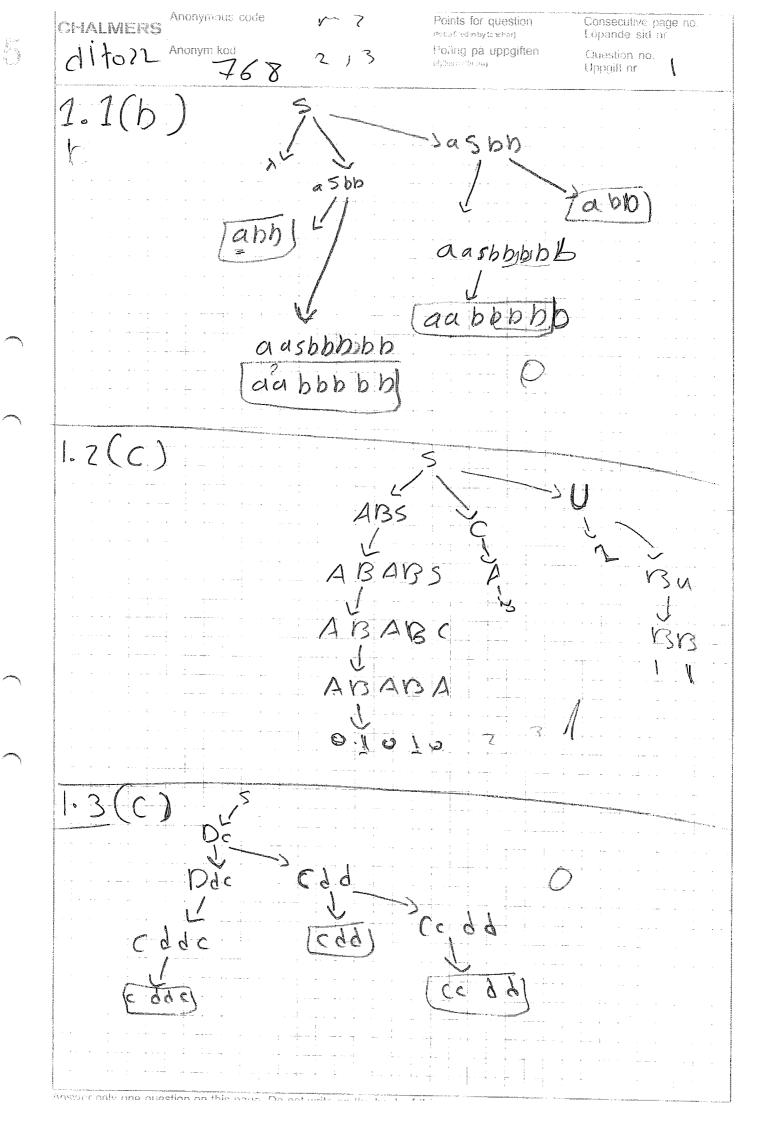
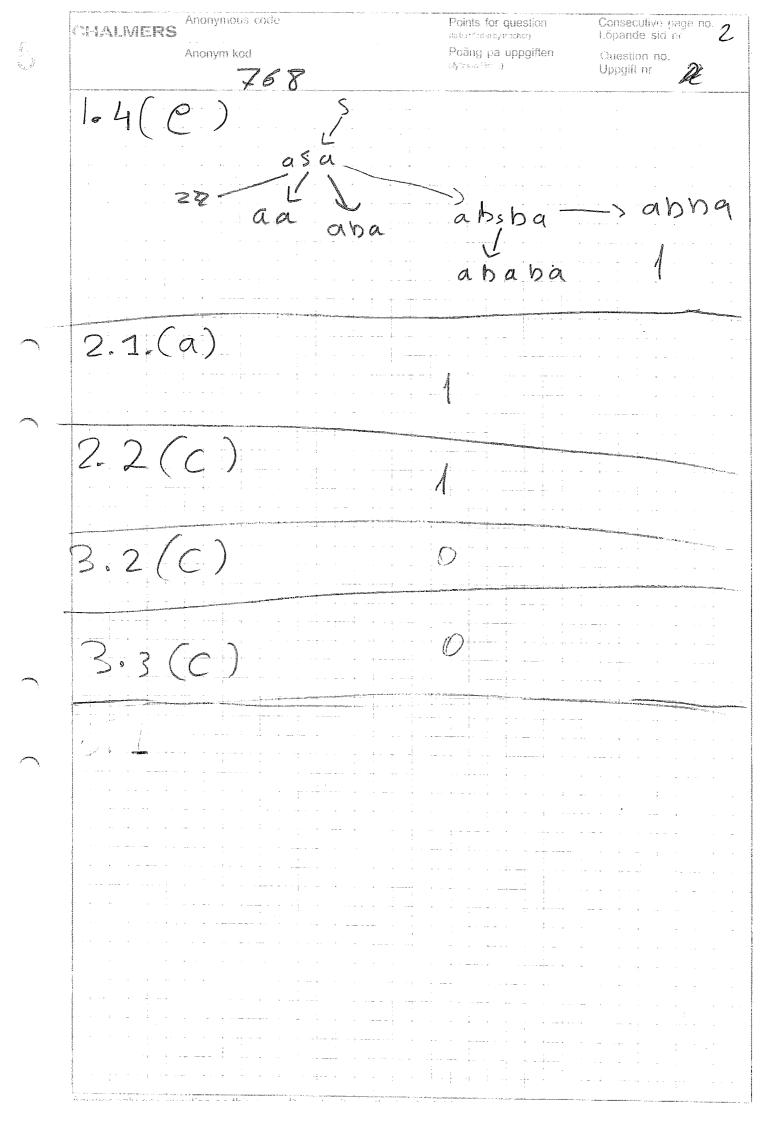
CHALMERS EXAMINATION / TENTAMEN

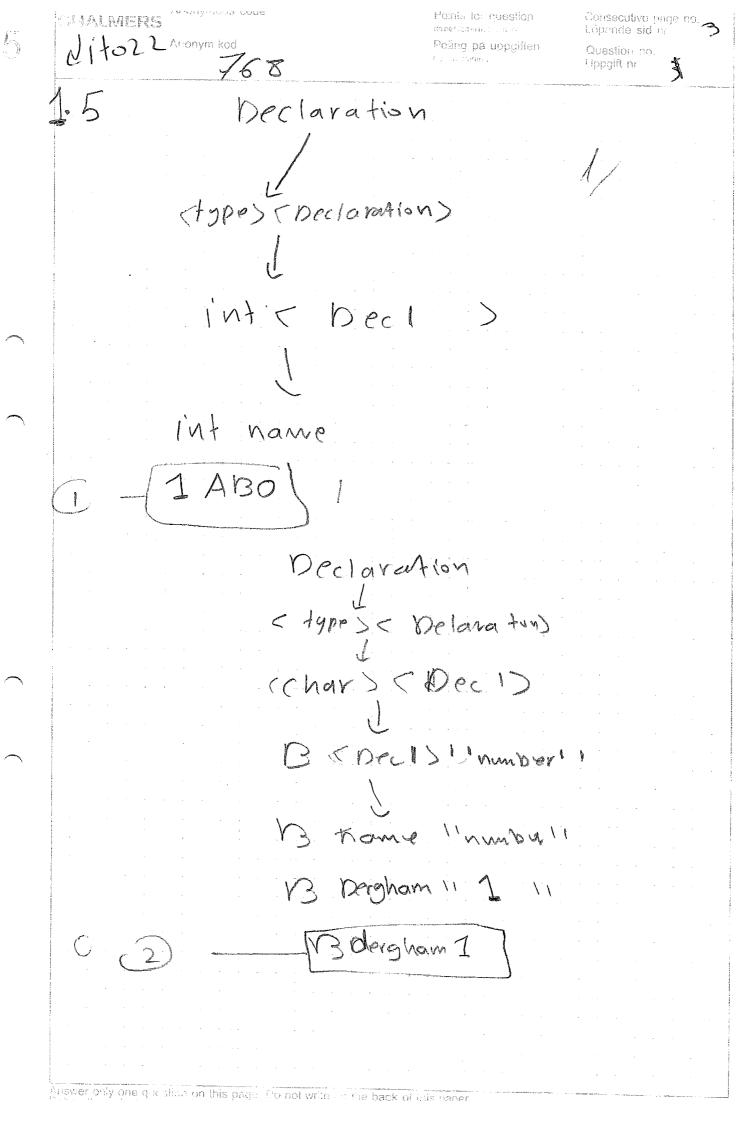
Course code/kurskod		*		
DITO 22	neeth	ľ		
Anonymous code Anonym kod	768	Examination date Tentamensdatum	Number of pages Antal blad	Grade Betyg
			19	6

^{*} I confirm that I've no mobile or other similar electronic equipment available during the examination. Jag intygar att jag inte har mobiltelefon eller annan liknande elektronisk utrustning tillgänglig under examinationen.

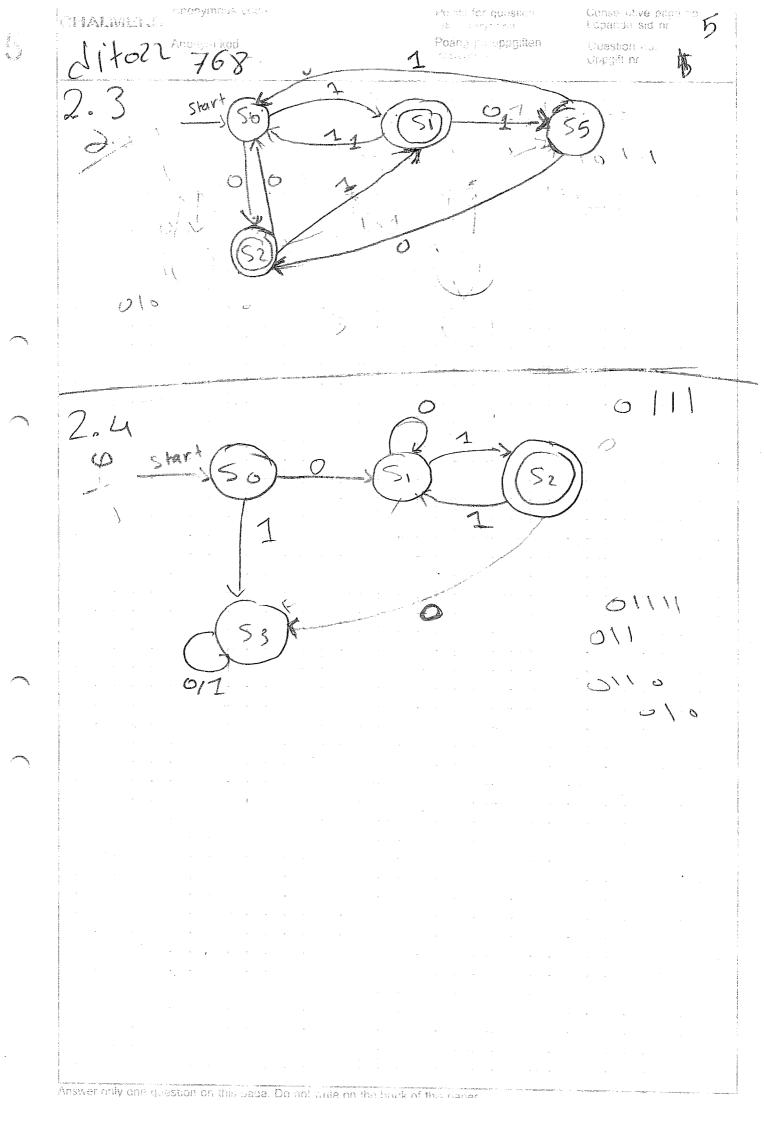
Solved task Behandlade uppgifter No/nr		Points per task Poäng på uppgiften	Observe: Areas with bold contour are to completed by the teacher. Anmärkning: Rutor inom bred kontur ifylles av lärare.		
1					
2	0				
3	1				
4	V				
5	/				
6	~				
7	V				
8	/				
9	V				
10	/				
11	V				
12	1				
13	ر ت				
14	U				
15	V				
16	V		,		
17	ت				
Bonus credits/ poäng	5				
Total exami points Summa poä	ing (02+5=	67		

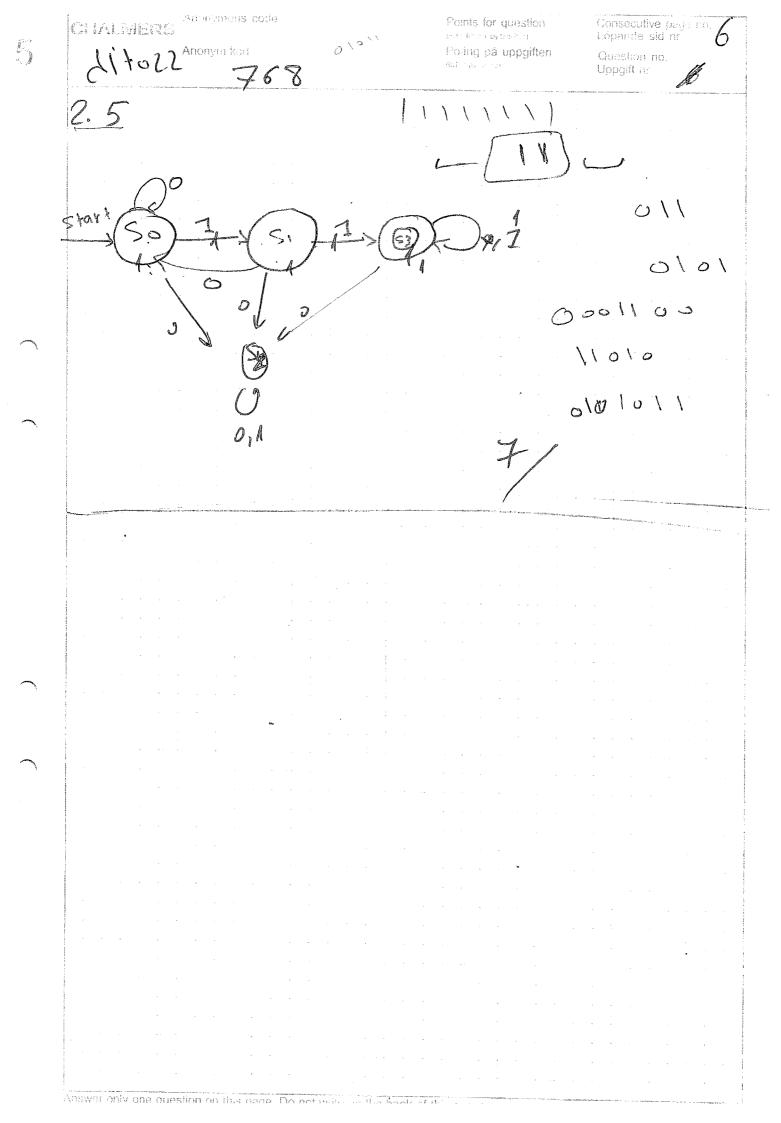






Points for question Consecutive page no. Löpande sid nr No be 5% Stoler - Tariyi Poäng pa uppgiften Question no. Uppgift nr APPEXPY-> VOW / BOOT and I way I where Bool - true / False 1, Atomic -> Number Var 121314





Answer only one question on this name. Do not write on the back of this -

Poang pa uppgiften

Anonym ked

4.2

for basic rase

4+3 × 24 / n=4 7 5 16

let n = nonnegtive integers 2K+3 K2K

5(k+1) + 3 < 5(k+1)P(K+1)= SK+5+3 / 5k+1

2K+5 5 2 K+1

2.2 = 2 k2// K+5 5 (K2)

k+ 5 6 2 k

We can sep that K2 will allways he bigger

than & KKK KKKZ

11 To 22 768

Posing partuppgiften

4.1

(ase (1) P(1) =
$$N=1$$
 $\sqrt{1}$

$$(ac_r D(k) = k^2 - 1 = 8x + 3 \times 62$$

 $1 k^2 = 8x + 1$

$$= 8 \times +1 + 2 \frac{\sqrt{8 \times +1}}{3 \times +1}$$

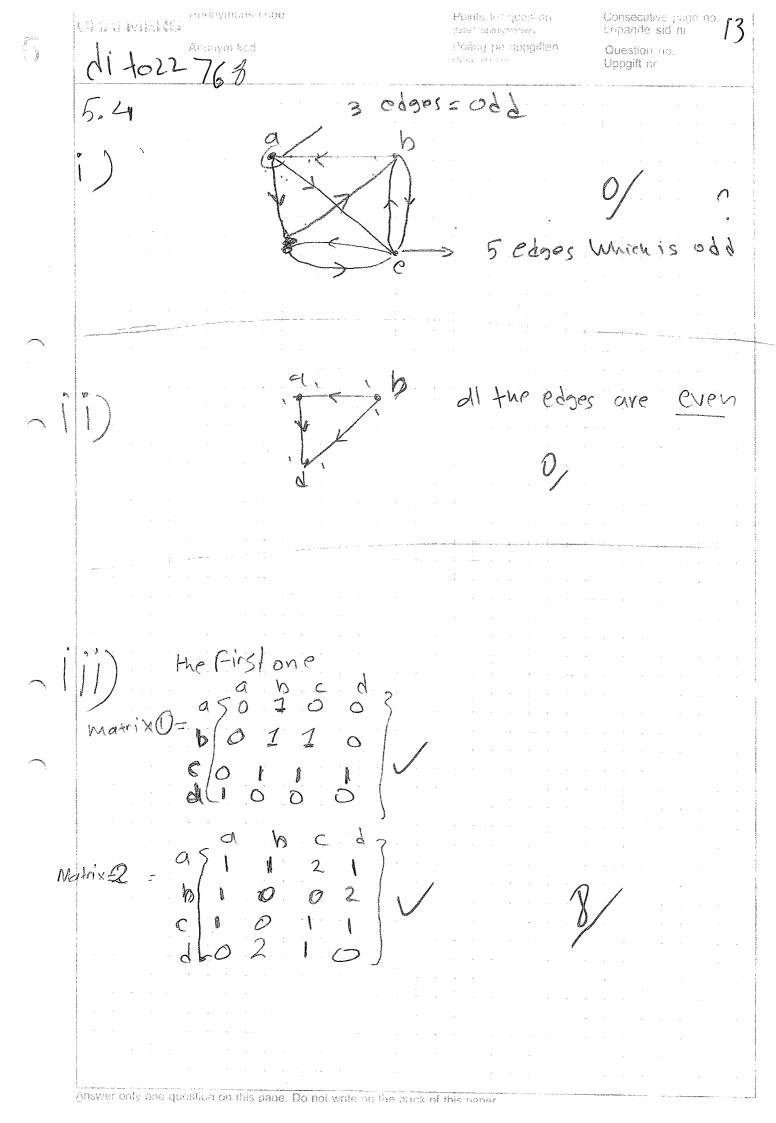
$$= 8x + \frac{\sqrt{8x+1} + 5.8x + 5}{\sqrt{8x+1}}$$

$$= 8x + 1 + \frac{\sqrt{8x+1} + 5.8x + 5}{5.8x + 5}$$

$$= 8x + \sqrt{8x+1 + 1/6x + 2}$$

Anonymous code Consecutive page no. Löpande sid nr Points for question CHALMERS (to be filled in by temphor). Poäng på uppgiften Anonym kod Question no. 768 Uppgift nr 5.2.60(n) 5.2 (ocn3)() ((N) 6 (N-) 6(n2x n) o(1) $= O(N^3)$ which is gives

Answer only one question on this page. Do not write on the hack of this page.

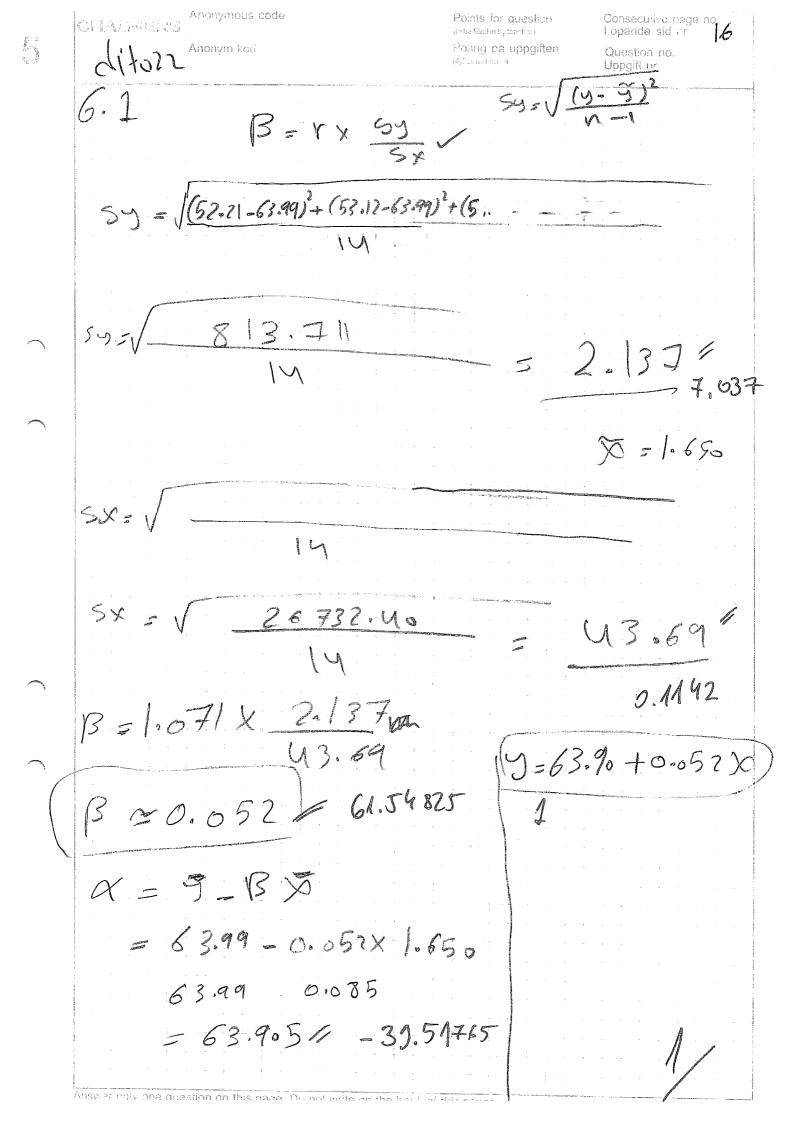


		,			
	XII	91 1	×, /c	12	XiJi
	1,47	52.21 ?	.16:	2725.88	76.74
	1.50	53.12 6	25	2821.73	79.68
	1.52	54.48 2	-31	2968.07	82.80
	1.55	55.84	2,40	3112.10	86.55
	1.57	57. 2.	2.46	3271.84	89.80
	.60	55.57	2.56	3430.44	93,712
	1.63	59.93	2.65	3591.60	97.68
-	1.65	61.29	2.72	3756,46	101.15
	1.68	63.11	2.82	3982,87	106.02
	1,70			4156.380	109.599
	1.73	66.28	2-99	4393.03	114.66
	1.75	65.69	3.062	4637.61	119.175
	1. 78	7CK	3.16	4888.80	124.95
	1.8.	7446		5211.39	120,94
	1 8	3	3.34		136.21
	D=1.65p	753.99	240.01	257698.39	E 1627.26
χ	5	2	,	7. 26	
-	9				

 $Y = \frac{2 \times 9}{2 \times 2 \times 2}$ $2 \times 9 = 1627.26$ V40.01 X 5 7 598.39

Answer only one question on this page. To not write on the

14



Anonymous code

Points for question published by the code of property code of page to page to property code of page to page to property code of page to page to

 $=\frac{2.86+9.7}{2.86+9.7}=(0.777)$

Poäng på uppgiften (f, sundsom)

6.3

6, 7

1) I. We assume aparild Samples of 2. We assume our samples independent since we nave fruit different groups leded twis and not related to each others (xMa), xf. nale famile.

3. We assume that we have different sample

4. We assume that we don't have large Sample size because no 30

5, Mormally distrubuted. 1

G. We assume that we have the young Varinces.

ii) It's two tailed test/1

111) Ho=MMF Ho = MM = M/1

west page

4

CHALVERY Anonym kad Points for question Follow Cladin by full share: Poäng på uppgiften Consecutive page ne. Löpande sid nr

Question no. Uppgift nr



the scullo 13 quit equal to each other