## CHALMERS EXAMINATION / TENTAMEN

Course code/ kurskod	Course name / kursnamn	
EDA 387	Computer Networks	
Anonymous code Anonym kod	Examination date Number of pages Antal blad	Grade Betyg
EDA387-16	2013-10-25 11	5

Solved task Behandlad No / nr	t e uppgifter,	Points per task Poäng på uppgiften.	Observe: Areas with bold contour are to be completed by the teacher.  Anmärkning: Rutor inom bred kontur ifylles av lärare.
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Total exampoints Summa p på tentan		565	

HALMERS Anonymous code	Points for question (to be filled in by teacher)	Consecutive page no. 5
Anonym kod	Poäng på uppgiften	Question no.
EDA387-16	(illynes av lai ei e)	Uppgift nr 4
(42) Because of Comited resou	rces, on actual	implementation
of the algorithm would		
variable (for example a		
clock value. As self-si	<b>1 1 3 3 3</b>	
terminate, it might ever		<b>1</b>
a long execution of the	e system the	boundary is
readed and variable	wraps around	to a
negative or zero value.	290	Chen
		whit 2
(4b) Yes It is only necessar	y to change.	tine the .
12555gument 24 One 8 +	to the follo	24749:
clock, := (max+1,	) mod ((n+1)d+	7) (5) 19
Where I is the dismeter	of the communication	rastion graph
Explanation:		
With an induction over the	e distance from	the processor
having the maximum clock		
the algorithm needs d st		
This happens directly when		
24 least of pulses below t		
not wrop around before		
cose, where of wnops 2	vound before con	rvergence, it
can be shown using the	proposition pro	uciple, that
there are two values x,	y which span a	ou outerval
with a saze of at least d		
this interval reaches the c		
allowing the algorithm to  allowing the algorithm to  assert only one question on this page. Do not write on the back of  changla endest on uppoint no dette had Skriv ei no heaksiden	Can yell er	

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	9	7
p; can only choose the son		1 1 1 1 1 1 1
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