Toda should

5 Day d 211, 12 1
Phodule:
- Midtern: week 9, contributes 25% ograde - Exam: week 8, Tuesday, Obsed-book
- Exam: week 8. Tresday, Obsed-book
Contact:
- f. van. rams donk @ vu. nl, course in subject
Some problems can't be solved, some can some efficiently, efficiency:= speed, power, security, efficiently,
efficiency:= speed, power, security, ebc.
- example algorithm - Euclid's greatest common divisor - two non-nesative number, a > b
- two non-resortive number, a = b
- 19 P=0 64940 C
- is b to, then gcd of b and (a mod b)
important aspects
- correct ress: Joes is orthur mpm it should?
- to (mination; does it everywlly produce out;
- esticiency/complexity: how much time/mem does it use?
dugni de noitoned a ca crixalgaco
-time: how long boes it take?
- space, how much space floor it use;
- counting elementary steps, if n is size of input a function of n is the number of steps
input, a function of in it the number of steps
- approach: WOB+ case asymptotic three complexity
n size of not elisations with visice (n) T roison
what to know what happens to T as a gets very large
11 -