255√ (Collatz) Let *n* be a natural variable. It is easy to prove $n'=1 \iff if n=1 then ok$ else if even *n* then n:=n/2. n'=1else $n:= 3 \times n + 1$. n'=1 fi fi The problem is to find the execution time. Warning: this problem has never been solved.

§ see book Section 4.2