Problem - O

Debug the Code & Rep into function for fib(s). Here

we want to step into all recursive cells a list out

The function call chart lev. Color of the colors of the function Call Stack lex. fib(5)->fil(4)->fil(3)? たい(2)ーンもいり(1)ーンもいり(3)ーンもいり(1)ーンもいり(1) Protection Alias Ciplis show has no cignomus to ->fib(3)->fib(2)->fib(1)->fib(6) (1) Stores 50> tap(1) 2005 - 1951 (1) Calls: Galls fibly and fibles side ٢٤ جاء (٤) (عاله جوه (٤) عامل جوه (٤) es fib(3) calls fib(2) and fib(1) ... c) fib(z) calls fib(i) and fib(o) (H) (H) C> fib(1) detyths 1 3 Cop (0) ASTANDO. SUSTEM TO 19 This brocess continues until all secursive calls goe sesolved.

\* Hove the fime Complexity of algorithms The time complexity of this securisve . Fisonacci implementation. is. T(n)=T(n-1)+T(n-2) # 0(1) (1913 <- (1) 0 1) <- (1) 913 <- (1) 913 <- (1) 913 <- (2) 913 of Commenting on my ways that Could improve Lous emple montation - (1) Store results of Previously Computed Piberacci number to avoid & dynday Calculations The will reduce time Complexity to D(n).

C) Use an approach to Consule Fibonacci

numbers, will rake have time (over) exity of

numbers, will rake in all (s) 112 co

ED(n).

By cosing materix expointmentiation to Comple

C) By cosing materix expointmentiation to Comple

C) Pobonacci humbers in allern.