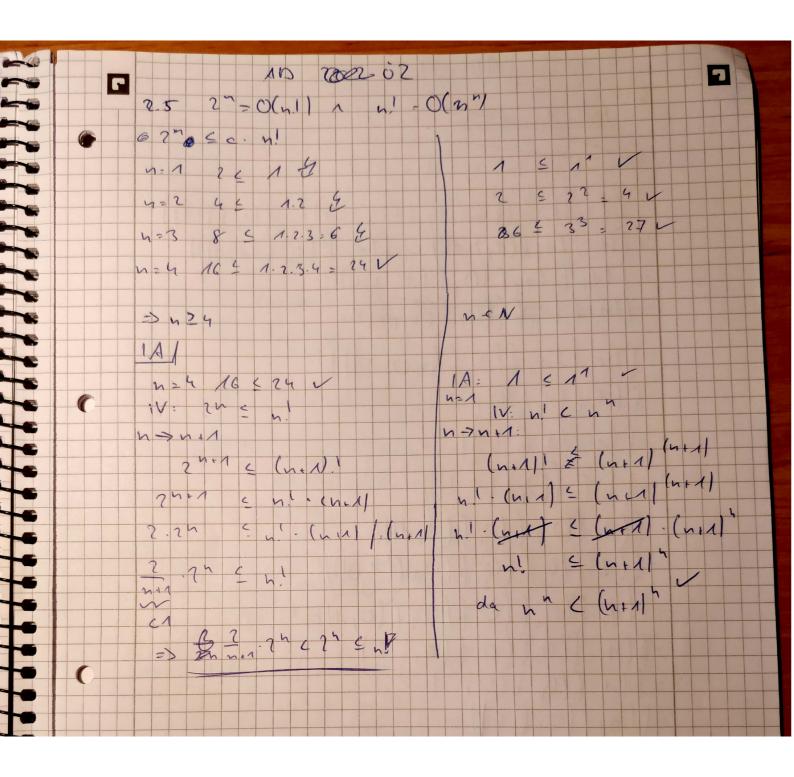


Vanante 1 (Skiling) G log(n!) = log (127 h (2/4) = 2 log (20) + 2 log(n) & h log n - n loge 0(1) 0(log n) 0 (hlog n) 0 (n) English and desired to the desired of the second = 0 (n log n) Vancinte?. = log (11 + 6log 25 + log 3 + - + log n 5 m. logn - O bilogn log(n1) = log. 1 + . + log n > O (n logn) 5/ 2 h = 0 (3/ and 4! 0(n-) 06.66(27) 50(n!) V = 0(n1) < 0(n1)



AD 02 C H. (ch, m) = (0; m-n) $f(2,3) = f(\infty 2-1, f(2,3-1)) = f(1, f(2,2))$ = f(1, f(1, f(1, 2-1))) = f(1, f(1, f(1, 1))) = f(1, f(1, f(0), f(1, 1))) = f(1, f(1, f(0), f(1, 1)))= ((1, f(1, f(0, f(60, 1)))) £ (1, £ (0, 2)) = { (1 (1 (6 3)) > \ 1, \ (0, \ \ (1, \ \) =f(1, f(0, f(1, 1))) = {(1, {(0, f(0), {(0, f(1, 0))}) > f(1, f(0, f(0, f(0, 1)11) = ((n,f(o,f(o,f(o, 2) = (1: (0; f(0,3) = {(1,1(0,04)) = { (0, f (1, u)

