9	Duke Glenn Assignent Z
9	(a) W(n) = ZW(n/3)+1 (g) W(n) = W(n-1)+2
à	
9	$\frac{1}{2} \frac{1}{2} \frac{1}{2} = O(n^{\log_2 2})$
-	======================================
9	4 (O(n-1))
	16) W(n) = 5W(n/4)+n (i) W(n) = W(Tn)+1
-	$ n = O(\log(\log n)) $
-	£. = 0 (V,01/2)
0	5 ³ , 6 ₃
-	51, 27
-	
-	10 W(n) = 7W(n17)+0
-	
9	7= : O(nlog,n)
-	72 72
-	1d) w(n) = 9w(n/3) + n2
9	
	$\frac{n^2}{3^2} \cdot q^2 = O(n^2 \log_3 n)$
9	2 + 9 ²
-	(e) W(n) = 8W(n/z) + n3
1	Wiles 84 1013
-	3; (5) = 0 (n3 log 2 n)
	$\lambda_1 \cdot (\frac{\varepsilon}{v})_2$
-	14) M(v) = HdM (v152) + VAT 101 V
-	= 0 (n3/2 log n)
-	
of the last	
1	

A= W(n) = 5 (w(1/2)+n = 0(n	
B= ZW(n/2)+1 = 0 (n2)	
(1)	/ 7)
(= W(n) = 9 W(n/3) + 0 (n2) = 0	(n loggn)
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