



	Date :/
13.	$T(h)^2 3T(n 2) + h$ $a^2 3, b^2 2, f(n) = n$ $c^2 \log_b a^2 \log_b 3^2 \log_b 849$ $n^c 2 n^{1.58}$ $n < h^{1.58}$ $f(n) < h^c$ $T(h)^2 9(n^{1.58})$
14.	
2	T(n) = 3T(n/3) + squt(h) q23, b=3, c2/ogba = log3=1 nc2 n'=n
THE STATE OF THE S	(2)09, 92 1092321 00111/11/11
	c2log a2 log 33-1 sqot(n) <n< th=""></n<>
	f(n) < n < to
	(CII) 2 OCI)
15.	T(n) = 4T(n/2) +n
2	024, b22 C2/096 a 2/093422
	mezh2
	$f(h)(h^2) = f(h) = o(h^2)$
	f(n)(n° =) T(n)=0(n²)
10	TO SECULIAR
16:	1(h) = 3T(n/y) + n/ogn
	023, b29, f(n) 2nlogn C2/09, a 2/09, 3 20.702
	nc2 20,79
	norta < nlogn
	TCh) 20 (nlogn)
(WPCP)	

18.	T(h)2 6T(n/3) +n2/0gm
2	926 3 b 2 3
	C2/09 ba 2/0936 2/163
	nc2h1463
-2	n ^{1.63} < n ² logn T(n) = 0 (n ² logn)
	T(n)=0(n2 logn)
	+01.01.1
19	7(h)2 4T(n/2) +n/ogn
2	924, b 22, f(n) 2n/logn
	c2/09/2 2 109/4 = 2
	n/joan <h2< th=""></h2<>
	T(n)20(n2)
N.	land who with the second wines the live
21.	T(h) 27T(n/3)+n2
2	$a27, b23, f(n)^2h^2$
	Cz/oga 2/093721,77
A Page	n 2 m 1177
	T(h) 20(h2)
20	TO 1 -1.1111 / 0
11.	$T(h)_2T(h/2)+n(2-cosh)$
	a21,b22
	C2/09, a 2/09,2120
	n(2-cosh) >hc
	tG)20cn(2-cosh)