18 1) The state of the state o	UNIVERSITY
XIAMEN	
43 RecInsort Sort (Asi) 45	lerm3 (m)
I if then yeturn A	1 if K=n then output [2]n]
	2 ele
1 , 15.7	3 for K <m do<="" n="" td="" to=""></m>
A 1	4 if xx in then
1.1 \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	f for $l \leq k+1$ to $n \neq 0$
(7
7	V 200 L
8 A[i+i] < key	reserve a[k+1 n]
9 Par Tarl Cal (4 13+1)	
(Dec if n=1	<u> </u>
9 Rec Insert Sort (A. It) The The T(n-1) + (n-1) if n=1	
1/2 0 1 D 1 ()	
47. Generating Permination ()	智能科学与技术主
I for jet to n do	1314041 444KV Q
2 P[j] <0	315 2018 115441
3 Perm2(1)	, D 7-
Perm2(m)	4 局
I if m=n+1 then output PLI	/
2 0/20	算法作业_03
3 for j ≤ 1 to n do	
4 if PLIZo then	常烟草
5 XD-1612 P[j] ← m 黑线稿	纸
Porm2(mt)	
DF1140	1

(2) x17 = f(w)= O(n2). 12 T(n) = O (n2/9n)

(3) xt3 E= 1. f(n)=0(n2+1), n2/ T(n)=0(f(n))=0(n3)