	Date	
	Nome: Suraj Kumar PollNo: 13000119075	7
	01/No: 13000119075	
	Dest: CJE 'B'	1
	Japi -	
	15 POZZLE	1
	11 live-nodesdisels to hold the live nodes at any time	-
	nodual any time	4
		4
	11 lowcost: Variable to hold the	4
	Cost of the best cost at any given no	le.
Augus	(4) (1) (1) (1) (1) (1) (2) (1) (1) (1) (1) (1) (1) (1) (1) (1) (1	4
	Begin	-
Solver	lowcost = 0	4
	while live-node-set 700 do	-
	- chose a branching node k	-
	such that KE live sednode set	! .
	1/K is Enode	-
	( 14 ) C	$\dashv$
	-> live - node-set= Ek3,	-
	trand the children of not kand the corn expanding love bounds;	c
Virginia and	kand the corn expanding love	1
	bounds,	-
2 1 2	5: E(1,2;): i ischild of	-
	S: E(1,2;): i inchild of k and 2; its lower bound	3
	· · · · · · · · · · · · · · · · · · ·	
	for each element (i, 2; s in Sk do if 2; > U // more than lower bord	100
	- if 2:>U // more than lower bord	04

Page No.		
Date		

	Date
-then	A Second Control
- kill child	i: Ilis a child nodell
else	a - 46 st
16 Sild i	s a solution
then	- 31
U=Z; ;	current best schild i;
else	Electric Committee
add chil	d i to live-node-set;
endif;	
endit;	
indfor	J' II
end while;	
END	
Astronomy and a second	

Complexity Analysis

Time complexity: 0(112)

Space complexity = o(n2)

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