					Ganesh	Budhathoki
	Proble	m 1 col	whon			
	,	, U	1	2	3	
	A	0	$\infty$		7	
	B	S	6	17		
	C	$\infty$	$\infty$	4	9	
	$\otimes$	$\alpha$	8	P	N	
	E	$\bowtie$	$\triangleright$	L	12	
	The s	chortest K	outh fr	DM A	to t	using 3 edges
enerale e place against an	2 /	A to	Doto	£ =	12 0	using 3 edges - or using the no f which is I
	more f	hon 3	edge is	A	to B to	E which is I

Sert 6.6		A 2 B 3	SEASON AND SEASON SEASO
TS	Pon Fig 6,9:	2 3 2 E	Formation of the state of the s
Ci		(C) - 3 (D)	
5 \	ABC	DE	
= \ \{ A \ B \}	0 00 00	20 00	
= <u>1,83</u>		00 00	
5 A D3		as as	
3 A E3	00 00 00	20 1/-	
3 A B 43	20 5 5	00 00	
\$A.B.D3	<i>№</i> 3 ≈	4 00	2000
1A, B, E3	00 7 00	00 5	A contract of the contract of
3A,C,D3	£ ≈ 3	4. 00	
3A,C,F3	00 00 6	co 4.	
3A, D, E3	A D DO	8 5	
1909-119	\$ 6 6	7 00 "	
1100 100	20 7 7.	0	
3A, C.D. E3 (	20 \$ 00	9.6	- A
3ABCDEZX	2 0 0 0	\$ 5	3.2
	- 0		
	(7,1)= min?	C(5-{;3,i)+d;: ie	5, i=; 3
C ( { A, B, C, D	) ? B)= male "	S P (SA - AZ A)	
7-1-9-	11/10/1	C(5/C)3,A)+day	€ 00 ± 2 = 00
		C(SACAZ A)	= 3+3=6
4 4	= 8	C({A,C,D3,A)+day C({A,C,D3,C)+dee C({A,C,D3,D)+dog	= +2=63
- 1 1			
tors.	de de	TA CALLO SENSO	and the second s
			The state of the s
			The same of the sa
			<u> </u>

#2. The least cost tour of the graph is to Taking maninam of set dA, B, L, D, E} that ends

B=8 (=8, E=8, 0=9

Tracking back with B

NOP

A C B C E C C C D C A = 1+2+2+3+2 = LO »

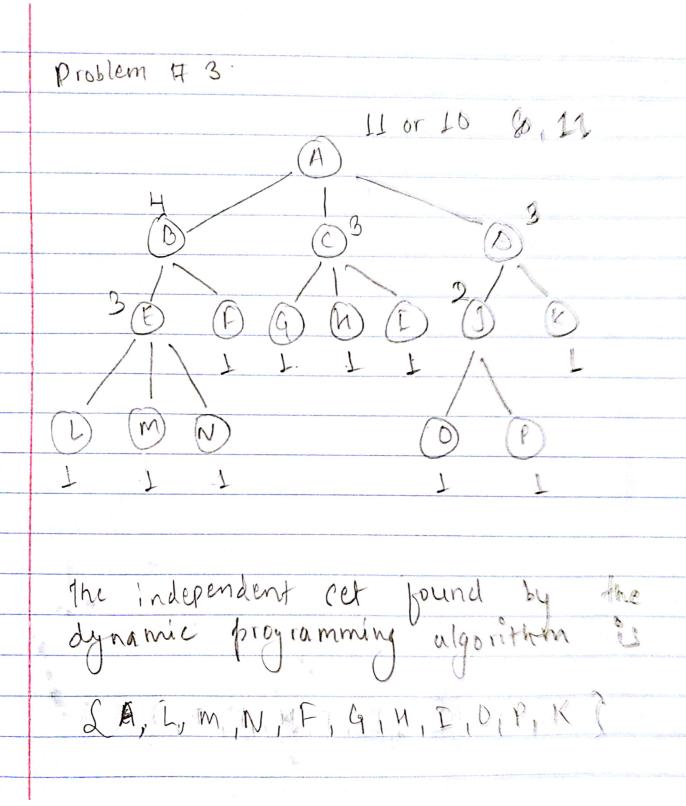
Traking backo with L hop A ∈ C ← E ← B ← D ← A = 1+2+3+2+ Q = 10

Tracing back with E

NOT A ∈ E ← B ← C ← D ← A = 1+2+3+3+4 - 13

fracking back with D: A - D = B = E = (C A = 10 for the reconstruction of the reconstruc

A EBELECEDEA ALCEROCA



((j,m)=true if 
$$\sum_{i=1}^{n} \frac{1}{i} \leq \frac{1}{i}$$

$$C(0,m) = false \text{ if } m \text{ is not } 0$$
  
 $C(0,0) = true$   
 $C(j,m) = g(j-1,m) \vee g(j-1,m-a;)$   
 $C(j,m) = g(j-1,m) \text{ if } m \geq a;$