

b) Frentier	Closed
1. A(10)	• • •
2, E(8), C(10), B(11)	A
3 F(8), ((10), B(11), (prued AEB(12))	AE
4 C (10), B(11)	AEF
5. D(9), B(11)	AEFC
6. B(11), H(11), I(12)	AEFCD
7. H(11), G(11), I(12)	AEFCDB
8. G(11), I(12), J(12)	AEFCDBH
9. I(12), J(12)	AEFCDBHG
10 J(12), (pruned ACDIH (15))	AEFCOBHGI
11 Solution found @5.	_
Peth: ACDHJ cost: N	
4) It is not - he is not admissab	le since
4) It is not - $h_2$ is not admissable $M_{in}(ost(D \rightarrow J) = 8 < h(D) = 10$	,
5) Ho is bost since it is anomated	d to dominate
all himber	
5) Hz is best, since it is guarantee all hihn. H, Hz & Hz are admissable.	
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