Anish Sachdura OTV/2R16/MC/13

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	(220kh Thouse Oul -)-
	Graph Theory - Onig -2
QI)	2n - 1
	3^{2}
	n-3
	N = 3
	(V) = E +1 is tru
	Company of the same
	De also know 5 deg(h) = 2/E/
	F = 15 de (91
	E = 12 deg (9)
	$2h+3h+n=\int_{-\infty}^{\infty} (2h\cdot 1+3h\cdot 2+3h)+1$
	$6n = \frac{1}{2} \left(\frac{2n+6n+3n}{n+1} + 1 \right)$
	2
	6h= 1/h +1
	2
	6n - Un = 1
	2
	h z
	2
	n=2
	THE EX
	V = 6h = 12
**	V = 6n = 12 F = V - 1 = 11

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85)	Number of Spanning thus:
	the spenning trees are:-
	i) t e d a b c
	in the desired as the contract of the contract
	Box ou 2 squarning trees.
	iii) to d
	So, there me 3 spanning trees

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	The bollowing the all is - is true & Allaic
	The following trus are non-isomosphic with exactly 4 pendont and 6 vertices.
	mon warry of plondon and 6 verills.
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94)	WE KENT ALLEST
	$ V(T_1) = E(T_2) $
	$ V(\tau_i) ^{2}$
	\(\sum_{\tau_2}\left ^{-2}.\)
3	[V(T)]= V(T) +(V(T2)]
	(E(T)(= E(T,) + E(T_2) +)
	[E(T)[= 50
	(E(T) (= [V(T1)]-1+ (V(T2)]-1+1
	[E(T) [= V(T1)] + (E(T2)) = 2 V(T1)
	$\int V(T_1) ^2 = E(T_1) ^2 = 25$
	$E(T_1) = V(T_1) - 1 = 24$
	F(T2) = V(T,) = 25

[V(Tz)]= [E(Tz]]+| = 26