Honework 14		199412
9.2 # 11	13 2 2 2 2 2 3	9.1 # 13
A. 4 The most afficient	(chiese / 20+6-1) - (25)	1 a. P(G V1) = 25
ment or titlet	20 / (2-)-05130	P(6 102) = 15
the cabor name blas 14:	The different scheelings of pastries on 53/30	1 P(G) = P(G V1) × P(V1) + P(G V1) × P(V2)
2-2-2-2-2-2-2-2-3	Total Scientings = / 17+G-11 /201	1 25
= 250 .	Total Scientings = (17+6-1) = (22) = 26334.	$r = \frac{25}{36} \times .4 + \frac{15}{37} \times .6$
There are as	There's Coleans	J ~ 0.2857+.2432=.5289 → ie ball is
		Jreca 52.1x .
thre zeros 15	Total ways = 53130-26334=26796 .	10.1#13
	SEIGH HAVE A A A	
	ove he maximum is 26716	Contain a Euler Circuit
obsertion.		begin at notes
The length & study with 1 and ends with 1	1.7 # 30	VIIVET, VS and Ky have
2 ⁶ = 64 •	(2x+3)10= = = 10 (10)(2x)10-k (5)4	_ odd positive degrees
9.5 ± 12		
	= (10)(2x)10 (5)0+(10)(2x)1 (5)1+(10)(2x)8(3)2	+ ((0) (3)10 0.2 #20
Of all and theory is a letters,	The Coefficient of 17 1/1930 176 3	
P(G,G) = 61 = 720 .	The Coefficial of x7 15 (10) (2) (2) = 414,720 .	h by of brailing of buggh 2 from
b. a there are 5 possibilities	1.8 # 1	V ₂ HoV ₃ is 2 .
be blacking 2 places:	a. ρ(A u B) = ρ(A) + ρ(B) - ρ(A Ω B)	b. The # of walks of Ingh 2 Roam Vator v. is -
ויייייייייייייייייייייייייייייייייייייי	= 0.4+0.5-0.2=0.7 •	14 03.
= 5×2×41 = 5×2×24	b. P(c) = P(s-(A UB))	C. The # sp walks of keylh 3 from 11 to 14 is G.
= 240	P(c) = P((AUB)c)	VI to V4 15G .
1.4 \$13	= 1- P(A vB)	d. The # of value of logh & from
" If He Semath boot is choose the	= 1-0.7=.3.	VL+0 V3 is 17 .
that must be the pair to any pair that		#3
has been paked	$\rho(A^c) = 1 - \rho(A)$ $= 1 - 0.4 = .6.$	6
. 7 boots an picked	1 d. o/AC 053 05	
of six I are choosen from Hepik .	d. p(Ac ngc)= p(A uB)c	
of Six to Make Curbain sac pour 13 choosy	= 1-p(AUB)	
	= 1-0.7=.3.	
9.5 #9	e. P (AC U BE) = P(ANB)C	/
a. H of Coam; thes that con be of \$126 (1 - P(A A B)	
$\binom{4r}{6} = \frac{4r!}{6!(4r-6)!} = \frac{4r!}{6!*34!}$	1 = 1-0.2	* The avalua of colors in graph 6- 15 equal
	f. 0.00	1. 1 + 1 = 1 + 1 = 1 + 1 = 1
= 49 ×31×38×37×36×35×34	f. P(B(n() = P(B(n(AUB))))	- * +
G! x34!	= P(B' n(A' n B')) - any	The total degree of a tree with a
= 2 * 39 * 38 * 37 * 35 = 38 38 380 .	= PLB AA' A Be) - Association	* Vrtices is 2n-2.
b. $\binom{24}{5}\binom{16}{5} + \binom{24}{4}\binom{16}{2} + \binom{24}{6}\binom{16}{6} = 3$,	223 220 = P(A n B) - ; LLHY	1 10.4 # 23
	= 1-p(A v B) = 1-0.7= .3.	the total of possible edges is 9-1=8
	1 10.72.3	be a tree a consected and is a court have non-trial
		be a tree, a connected graph is a tree court have non-trival circuit.