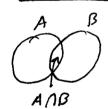


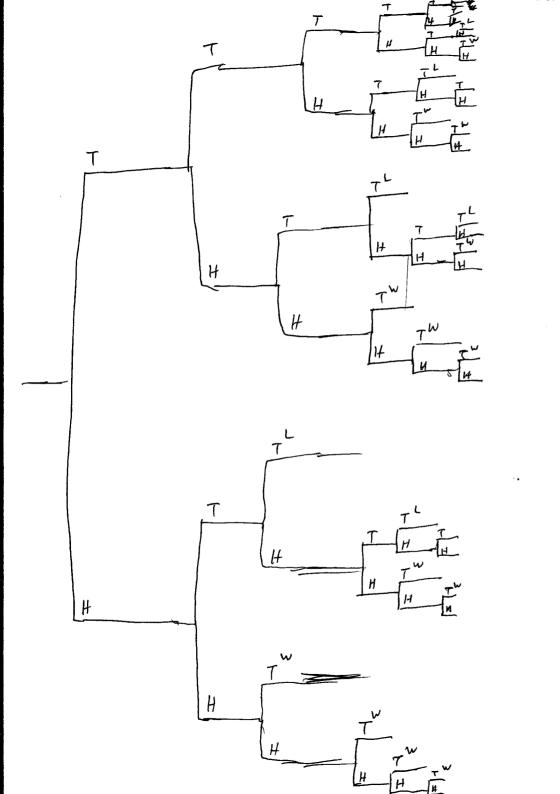
= Pr(A) - Pr(A)B)

$$\frac{Pr(\overline{A})}{S} = Pr(S) - Pr(A)$$

$$= 1 - Pr(A)$$



BOEING



Problem 4

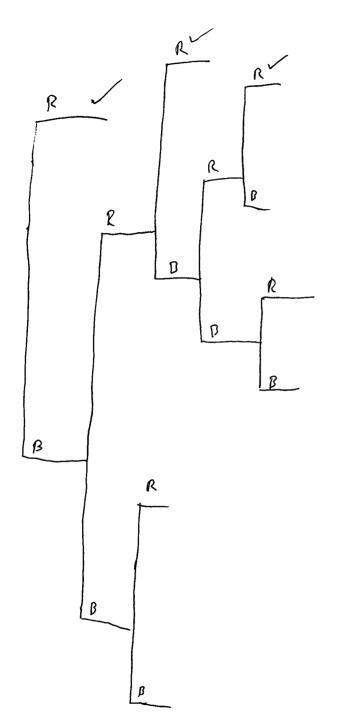
Every win, I get a win an next step.

Every loss, elget a win and a loss two steps later.

$$W_i = W_{i-1} + L_{i-2} + 1$$
 $L_i = L_{i-2} + 1$

$$T_{i'} = 2(T_{i-1} - L_{i-1} - W_{d-1})$$

$$\sum_{n=0}^{\infty} \left(\frac{1}{2}\right)^{n+1} W(n) = \frac{2}{3}$$



貫		$-1, n=0$ $-\binom{2}{2}, n=2$ $-\binom{5}{3}, n=4$	Problem 6d	P P 26 F1 25 P1 21 P 21 P
	R RRX	И=I h = l	<u>7+1</u>	1. 2. 51
	BRR RBR× RRB×	n=7	$\frac{n-2}{2}\binom{n-2}{n-1}=\binom{1}{1}$	1. 8. 49
-	RRRBX RRBRX RBRRX BRRRX	n = 4		2- 1 . 24 47
I B	BBRRR BRBRR BRRBR RERBX BRRBX	(1) N=5	$\left(\frac{h-2}{2}\right) = \left(\frac{3}{2}\right)$	- () = 2 ; 3-2=1
R R R R	RBRB X BBR X BBR X		RR /A/ -	+ B - A N B
RBR	ORX		$\begin{cases} R: \frac{n+1}{2} \\ R: \frac{n-1}{2} \end{cases}$	$\frac{2\ell - \frac{n-1}{2}}{(2\ell - \frac{n-1}{2}) + (2\ell - \frac{n+1}{2})}$

$$\sum_{k=0}^{25} \left(\frac{1}{z}\right)^{2k+1} \left(\frac{1}{z} \frac{53-n}{52-n}\right) n(k)$$

$$\frac{26 - \frac{n-1}{2}}{52 - n} = \frac{1}{2} \frac{(53 - n)}{52 - n}$$

$$\begin{bmatrix} P \\ R: \frac{P+1}{2} \end{bmatrix} \begin{pmatrix} n-p-2 \\ R: \frac{n-3}{2} - \frac{P+1}{2} \end{bmatrix}$$

$$\begin{bmatrix} R: \frac{n-3}{2} \\ R: \frac{n-3}{2} \end{bmatrix} \begin{pmatrix} n-p-4 \\ n-p-4 \\ 2 \end{pmatrix}$$

$$7ot: \left(\begin{array}{c} n \\ \frac{n+1}{2} \end{array}\right)$$

$$R_{ToT} = \frac{N+1}{2}$$

