999

0000000000

9999

Month:

the center of an structure is obtained through averaging the centers of it's supparts.

the center of a Single L:

$$(\frac{1}{2} + \frac{91}{2})/2 = \frac{91+1}{4} = C_1$$

the center of h Ls:

$$Ch = C_1 + (C_1+1) + (C_1+2) + \cdots + (C_1+(h-1)) / h$$

$$= (h C_1 + h(h-1)) / h = C_1 + \frac{h-1}{2}$$

every cifor i + 1 Should be ci \ 21-1

(base starts at -1) length of base

For CK it Should be:

(We Shift Frame) N-1 TCK T 21 HANG

$$\frac{->(n+1)}{2} + (|x-1|)/2 +$$

oppoppoppoppop

*

$$\sum_{k=1}^{n} H_{k} = \sum_{k=1}^{n} \sum_{j=1}^{k} \frac{1}{j}$$

$$\sum_{K=1}^{N} H_{K} \frac{is similiar t_{n}}{I} \int_{I}^{h} h = h h - h \hat{I}$$

$$\frac{1}{1}$$

$$\frac{1}{2}$$

$$\frac{1}{2}$$

$$\frac{1}{2}$$

$$\frac{1}{2}$$

$$\frac{1}{2}$$

$$\frac{1}{2}$$

$$\frac{1}{2}$$

$$\frac{1}{3}$$

$$\frac{1}{4}$$

$$\frac{1}{2}$$

$$\frac{1}{3}$$

$$\frac{1}{4}$$

$$\frac{1}{2}$$

$$\frac{1}{3}$$

$$\frac{1}{4}$$

$$\frac{1}{4}$$

$$\begin{array}{cccc}
h & & h \\
& \sum_{j=1}^{n} h \\
& & j \\
\end{array}$$

$$\sum_{j=1}^{n} \frac{1}{j} \sum_{k=j}^{n} \frac{1}{j} = \sum_{j=1}^{n} \frac{1}{j} (h-j+1)$$

$$= \sum_{j=1}^{N} \frac{h-j+1}{j} = \sum_{j=1}^{N} \frac{h+1}{j} - \sum_{j=1}^{N} \frac{h+1}{j} - \sum_{j=1}^{N} \frac{h+1}{j} = \sum_{j=1}^{N} \frac{h+1}{j} - \sum_{j=1}^{N} \frac{h+1}{j} -$$

$$=(h+1)\sum_{j=1}^{n} \frac{1}{j} - h = (n+1)H_{h} - h$$