





Basic

Represent a Porticular value

Sum of obs. = Avg x No. of obs.

No. of obs. = Sum of obs.

Avg

$$\begin{array}{c} \text{Doy}_{1} \rightarrow 00 \\ 2 \rightarrow 200 \\ 3 \rightarrow 300 \\ 4 \rightarrow 400 \\ \end{array}$$





Sum of
$$\frac{n}{n}$$
 natural $nois = \frac{n(n+1)}{2}$

Avg = $\frac{n+1}{2}$
 $= \frac{n+1}{2}$

Sum of squares of $\frac{n}{n}$ natural $nois = \frac{n(n+1)(2n+1)}{6}$

Avg = $\frac{n(n+1)(2n+1)}{6}$
 $= \frac{n+1}{6}$







Sum of cubes of in natural nois
$$= \frac{n^{2}(n+1)^{2}}{4} \left(\frac{n(n+1)}{2}\right)^{2}$$

$$= \frac{n^{2}(n+1)^{2}}{4} = \frac{n(n+1)^{2}}{4}$$





$$\begin{array}{c}
1 & + 0 & 10 \\
1, 3, 5, 7, 9 \\
9 + 1 & = 5 \\
2, 4, 6, 8, 10 \\
10 + 2 = 6
\end{array}$$





 $2,4,6,8,10 \rightarrow 6$