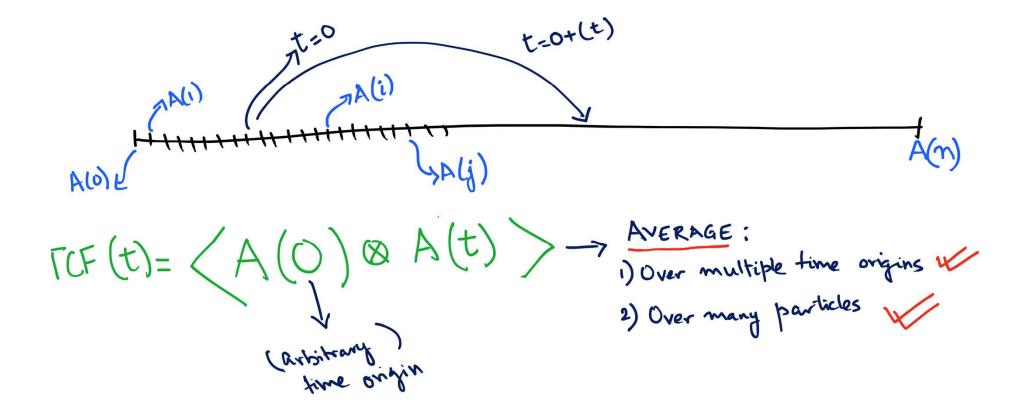
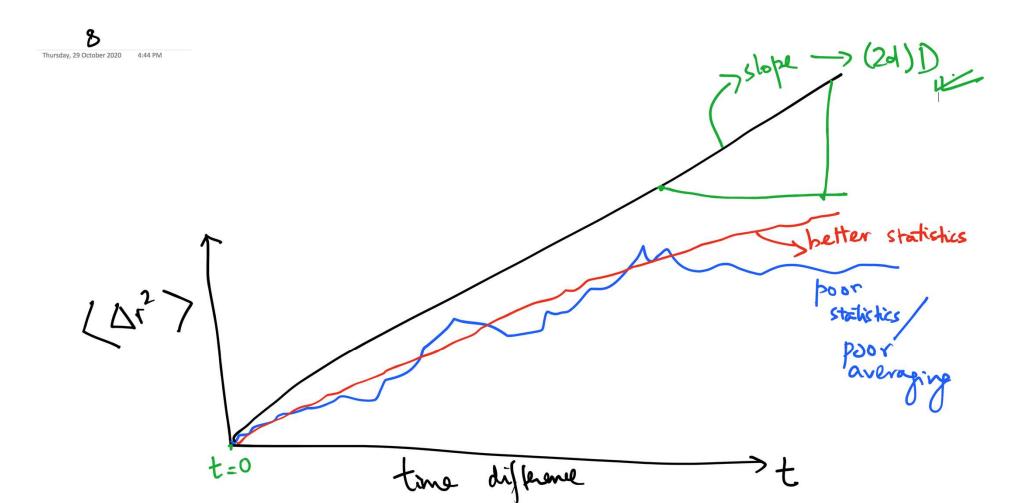
Notes LS2102 Diffusion in Biology Refer to the Class Recording for Discussion Details

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 $\langle \Delta r^{2}(t) \rangle = \langle |\vec{r}(t) - \vec{r}(0)|^{2} \rangle^{2} \rightarrow \text{Average over:}$ | Nultiple time mtiller no. of data pairs

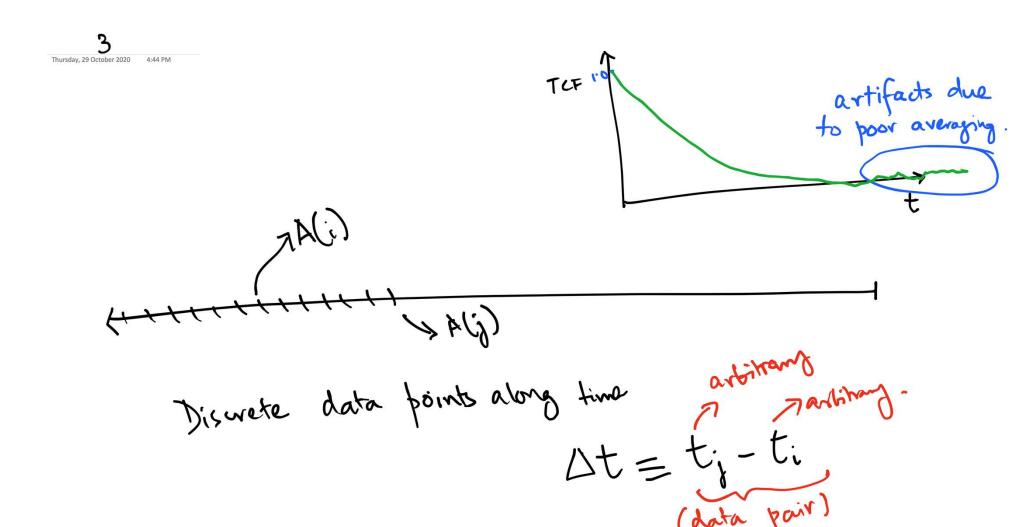
At > n -> much smaller no. of data pairs

At = 0 -> how many fine origin -> n.

At > n -> smaller no. of data pairs.

At > n -> smaller no. of data pairs. Thursday, 29 October 2020 4:44 PM

 $TLF(t) \equiv \langle A(0) \otimes A(t) \rangle$ General rule: Your correlation time
should be not more than ~ (15)th the time points you have from Your experiment/computation 8000 data points - 800 -760r - 1600 - from



Stokes-Einstein Retr.

