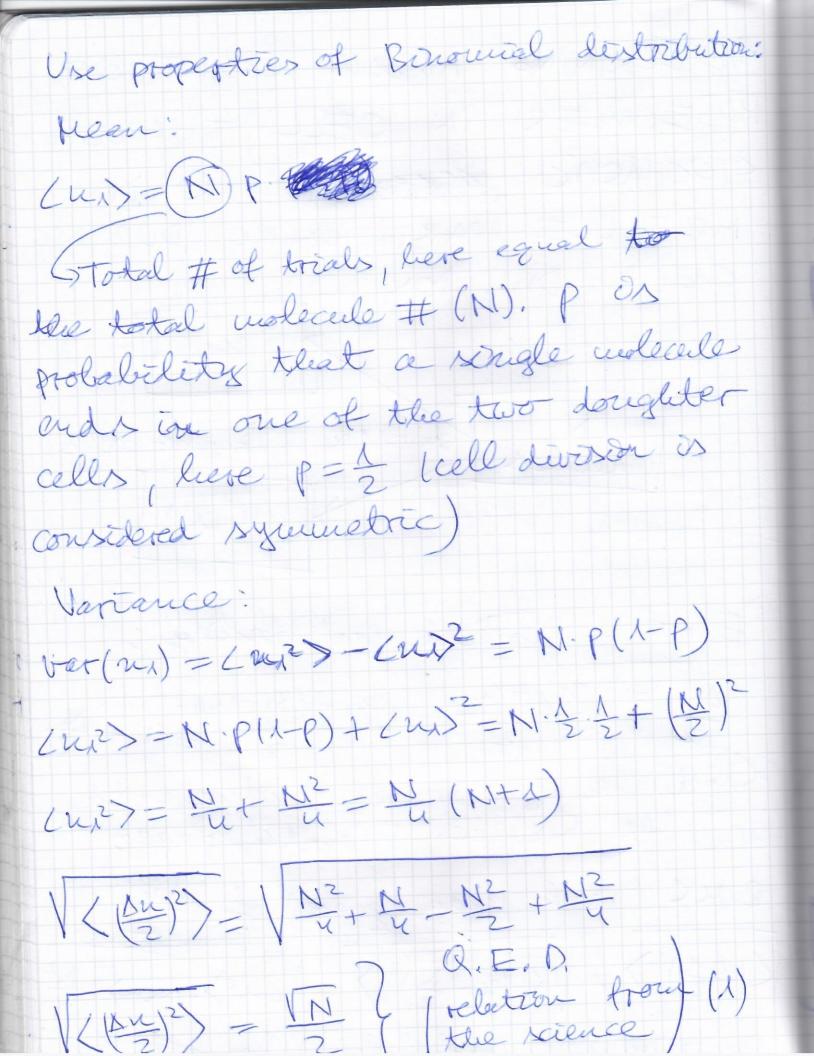
HOLECULES IN CELL, THROUGH STOCHASTIC TO EFECTS IN PARTITIONING DURING MOLECULE CELL DIVISION. redler cell the res wolecules Suz-(N-v1) Error on volecule partitioning. $\Delta u = \frac{u_1 - u_2}{2} = \frac{u_1 - (x_1 - u_1)}{2} = \frac{x_1 - (x_1 - u_2)}{2}$ Saiville by 2 to be consistant with the Science Elswith paper. RMS (rootle mean square) of Du ((2)2) = ((22)2) = ((2)2) - N(2)+ N2 Distribution (probability) to gette us wolecules follows Binomial distribution;



to the signal interestly I: N=X(I); u=X(I); u=X(I) signal on the doughter signel into told therexace signal (2) - L. (E-I) (2) M = TX. I (3) From (1), (2) and (3): X ([I,-1)2) = [X/I $\left\langle \left(\frac{\left(I_{1}-I_{2}\right) ^{2}}{2}\right) =\frac{1}{2\sqrt{2}}\left\langle \frac{I_{1}}{I_{2}}\right\rangle$ the signal total signal autourity difference] If enc signal diff. is fitted to Itold signal & can be extracted from fit and used to determine total # unleceles from signal!