Average Value 9/25 8:00 PM $\frac{y_1 + y_2 + \dots + y_n}{n} = \frac{1}{b-a} \int_a^b f(x) dx$ $\frac{(f(x)+f(x))+\cdots+f(x_n))\Delta x}{b-a} \xrightarrow{\delta x \to 0} \int_a^b \frac{f(x)}{b-a} dx$ $\left(\Delta X \geq \frac{b-\lambda}{n}\right)$ EXI: TWIC $AVg = \frac{1}{b-a} \int_{0}^{b} c dx = C$ Exz: Aug h of unit circle: Avg = 1-(-1) \(\sqrt{1 - \chi^2 ax} \) 定级分二届正数的城 interpre half circle 他然为二次的最初。 $= \frac{1}{2} (7.(1)^2/2)$ 他这次分表本就是面积 $= \frac{1}{2} (7.(1)^2/2)$ Ex3: Ex2 Aug h with respected to Y= SinD arcwyin

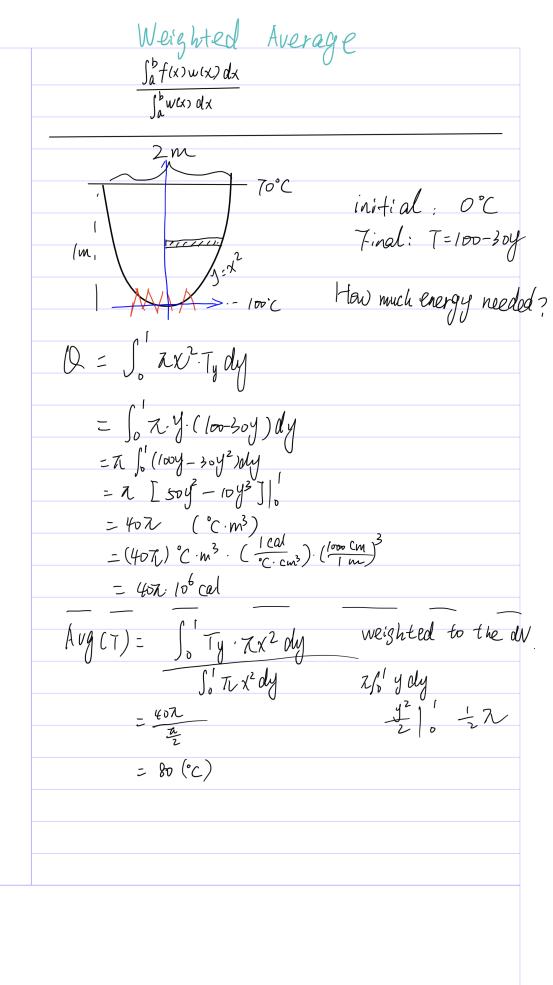
Avg(y)= 元 sinD (对所表示意味/ba) arcwyin

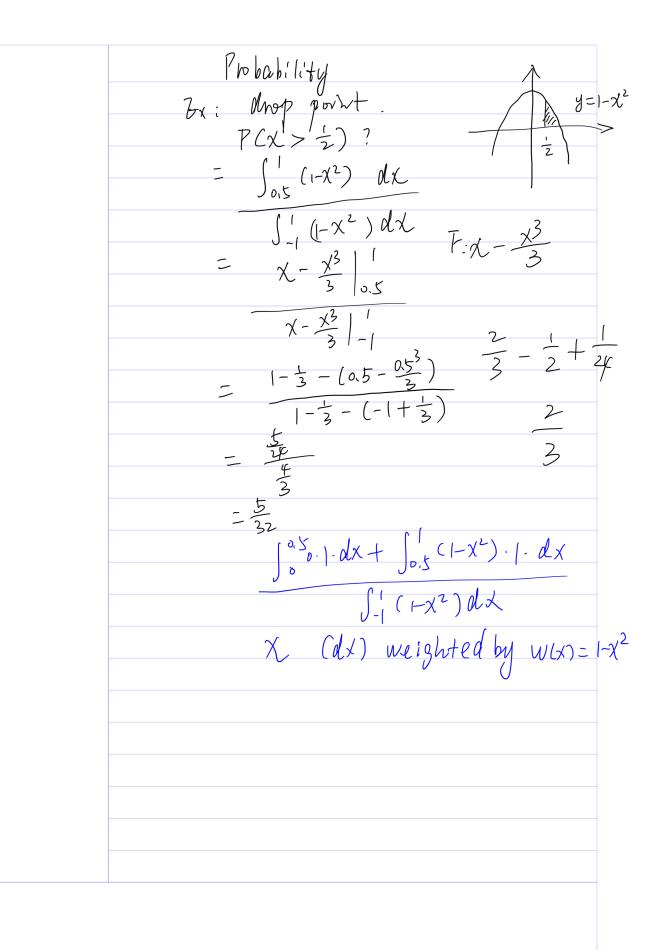
-- (以) arcleigth O.

积为值的意义,取决了单位视制和 酸是的视剂

= = [(-002)-(-000)]

= = respect to 0





General formula for Probability $Q \leq \chi_1 \leq \chi_2 \leq b \qquad \sum_{\chi_1, \text{ with old}}^{\chi_2} = PART$ $P(\chi_1 \leq \chi \leq \chi_2) = \frac{\int_a^b \text{ with old}}{\int_a^b \text{ with old}} = \frac{PART}{WH OLE}$ 9/25 (D:00) PM