fe, fr => area=?

hoight = fe 4fr

gra Tett) of t...

west = (So nest thright west) dx t.

=) f₀ + 25, + 25₂+ -- + 25_{n-1} t f_n dx + _-.

$$f(dx) = f_{t} + dx \cdot a^{2}$$

$$f(dx) = f_{t} + dx \cdot a^{2}$$

$$f(2dx) = f_{t} + (2dx)^{2} a^{2}$$

$$4 f(dx) = 4 f_{t} + 4 dx a^{2} + ...$$

$$f(2dx) = f_{t} + 4 dx a^{2} + ...$$

$$4 f(dx) - f(2dx) = 3 f_{t} + ...$$

$$F(dt) = dt. (f_0 + 2f_1 + f_2)$$

$$f(rdt) = 2dt. (f_1 + f_2)$$

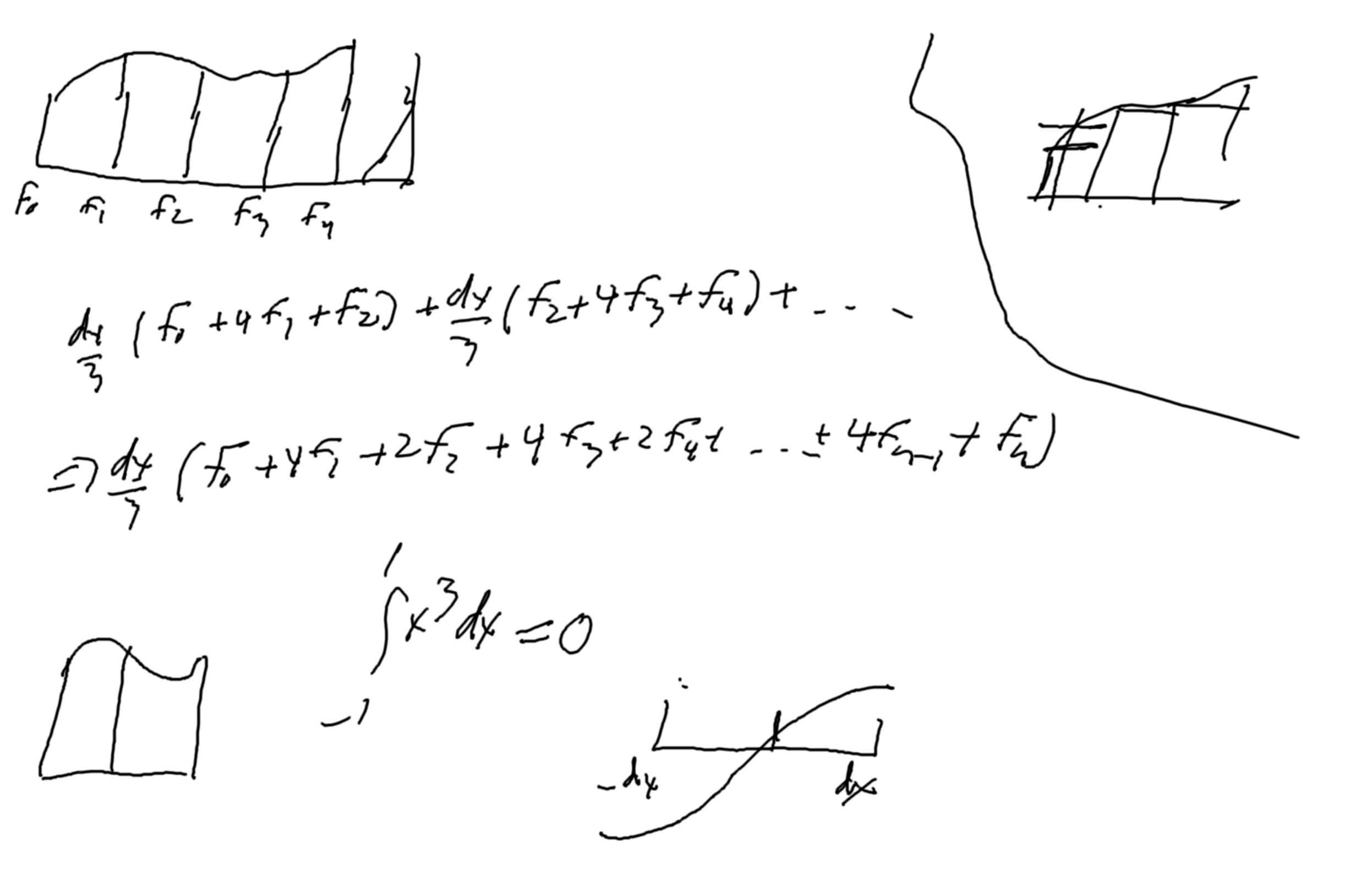
$$\frac{2}{2}$$

$$f_{e} = 4 F(dt) - f(rdt)$$

$$= dt (rdt) + 4f_1 + 2f_2)$$

$$- dt (fdt)$$

$$= \frac{1}{3} dt (f_0 + 4f_1 + f_2)$$



 $\frac{f_{e}}{f_{e}f_{e}f_{e}} = \frac{2}{3} \left(\frac{f_{e} + f_{r}}{2} \right) = f_{e} + f_{h} A_{RM} = \frac{2}{3} \left(\frac{f_{h}}{2} - \left(\frac{f_{e} + f_{h}}{2} \right) \right) + 2$ $= \frac{1}{2} \left(\frac{f_{e} + f_{h}}{2} \right) = \frac{2}{3} \left(\frac{f_{h}}{2} - \left(\frac{f_{e} + f_{h}}{2} \right) \right) + 2$ $= \frac{1}{2} \left(\frac{f_{e} + f_{h}}{2} \right) = \frac{2}{3} \left(\frac{f_{h}}{2} - \left(\frac{f_{e} + f_{h}}{2} \right) \right) + 2$ $= \frac{2}{3} \left(\frac{f_{h}}{2} - \left(\frac{f_{h}}{2} + f_{h} \right) \right) + 2$ $= \frac{2}{3} \left(\frac{f_{h}}{2} - \left(\frac{f_{h}}{2} + f_{h} \right) \right) + 2$ $= \frac{2}{3} \left(\frac{f_{h}}{2} - \left(\frac{f_{h}}{2} + f_{h} \right) \right) + 2$ $= \frac{2}{3} \left(\frac{f_{h}}{2} - \left(\frac{f_{h}}{2} + f_{h} \right) \right) + 2$ $= \frac{2}{3} \left(\frac{f_{h}}{2} - \left(\frac{f_{h}}{2} + f_{h} \right) \right) + 2$ $= \frac{2}{3} \left(\frac{f_{h}}{2} - \left(\frac{f_{h}}{2} + f_{h} \right) \right) + 2$ $= \frac{2}{3} \left(\frac{f_{h}}{2} - \left(\frac{f_{h}}{2} + f_{h} \right) \right) + 2$ $= \frac{2}{3} \left(\frac{f_{h}}{2} - \left(\frac{f_{h}}{2} + f_{h} \right) \right) + 2$ $= \frac{2}{3} \left(\frac{f_{h}}{2} - \left(\frac{f_{h}}{2} + f_{h} \right) + 2$ $= \frac{2}{3} \left(\frac{f_{h}}{2} - \left(\frac{f_{h}}{2} + f_{h} \right) \right) + 2$ $= \frac{2}{3} \left(\frac{f_{h}}{2} - \left(\frac{f_{h}}{2} + f_{h} \right) + 2$ $= \frac{2}{3} \left(\frac{f_{h}}{2} - \left(\frac{f_{h}}{2} + f_{h} \right) + 2$ $= \frac{2}{3} \left(\frac{f_{h}}{2} - \left(\frac{f_{h}}{2} + f_{h} \right) + 2$ $= \frac{2}{3} \left(\frac{f_{h}}{2} - \left(\frac{f_{h}}{2} + f_{h} \right) + 2$ $= \frac{2}{3} \left(\frac{f_{h}}{2} - \left(\frac{f_{h}}{2} + f_{h} \right) + 2$ $= \frac{2}{3} \left(\frac{f_{h}}{2} - \left(\frac{f_{h}}{2} + f_{h} \right) + 2$ $= \frac{2}{3} \left(\frac{f_{h}}{2} - \left(\frac{f_{h}}{2} + f_{h} \right) + 2$ $= \frac{2}{3} \left(\frac{f_{h}}{2} - \left(\frac{f_{h}}{2} + f_{h} \right) + 2$ $= \frac{2}{3} \left(\frac{f_{h}}{2} - \left(\frac{f_{h}}{2} + f_{h} \right) + 2$ $= \frac{2}{3} \left(\frac{f_{h}}{2} - \left(\frac{f_{h}}{2} + f_{h} \right) + 2$ $= \frac{2}{3} \left(\frac{f_{h}}{2} - \left(\frac{f_{h}}{2} + f_{h} \right) + 2$ $= \frac{2}{3} \left(\frac{f_{h}}{2} - \left(\frac{f_{h}}{2} + f_{h} \right) + 2$ $= \frac{2}{3} \left(\frac{f_{h}}{2} - \left(\frac{f_{h}}{2} + f_{h} \right) + 2$ $= \frac{2}{3} \left(\frac{f_{h}}{2} - \left(\frac{f_{h}}{2} + f_{h} \right) + 2$ $= \frac{2}{3} \left(\frac{f_{h}}{2} - \left(\frac{f_{h}}{2} + f_{h} \right) + 2$ $= \frac{2}{3} \left(\frac{f_{h}}{2} - \left(\frac{f_{h}}{2} + f_{h} \right) + 2$ $= \frac{2}{3} \left(\frac{f_{h}}{2} - \left(\frac{f_{h}}{2} + f_{h} \right) + 2$ $= \frac{2}{3} \left(\frac{f_{h}}{2} - \left(\frac{f_{h}}{2} + f_{h} \right) + 2$ $= \frac{2}{3} \left(\frac{f_{h}}{$ $\int_{1}^{1} \int_{1}^{1} \int_{1$ (1-42) (fm - (fe+fr)) (1-49= 1-x3) = 2-3=4 -1 -5 4/7/2 = 2/3

+ (fe + fr). 2. = 34 - 34 - 34 (41) + Fe + fr (try) - (3 fm + 3 5 + 3 5)

 E (1) de

 $\begin{cases}
\frac{1}{3}f(4)dx & = 1 & u = \frac{1}{3}du = -\frac{1}{3}dx \\
& = -u^{2}dy \\
dy = -\frac{du}{4^{2}}
\end{cases}$ ()=>-1/4 (1) d4 $= \frac{1/9}{1/6} \frac{f(\frac{1}{4})}{42} d4 = \frac{3}{4} \frac{f(4)}{4} d4$