(e): sevened Colomb form.

diff valuely unsuty: f(k)=fo(k-mva):

$$\frac{df(k)}{dk} = fo(k-mva) - fo(k)$$

$$\frac{df(k)}{dk} = \frac{1}{2} \int_{\mathbb{R}^{n}} df(k)$$

$$\frac{df(k)}{d\epsilon} = f_0(k-mV_d) - f_0(k)$$

$$\frac{df(k)}{d\epsilon} = \frac{1}{V} \frac{1}{k} \frac{k}{d\epsilon} \frac{df(k)}{d\epsilon}$$

$$\frac{df(k)}{d\epsilon} = f_0(k-mv_d) - f_0(k)$$

$$\therefore \frac{d}{d\epsilon}(k) = \frac{1}{\sqrt{2}} \frac{1}{k} \frac{df(k)}{d\epsilon}$$

$$\therefore \text{ we have: } \frac{1}{\sqrt{2}} \frac{1}{k} \frac{1}{\sqrt{2}} \frac{1}{\sqrt{$$