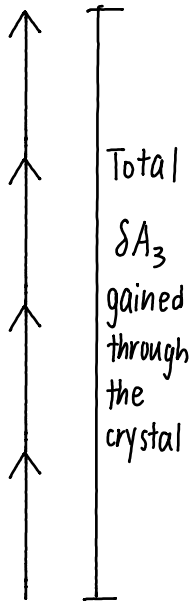
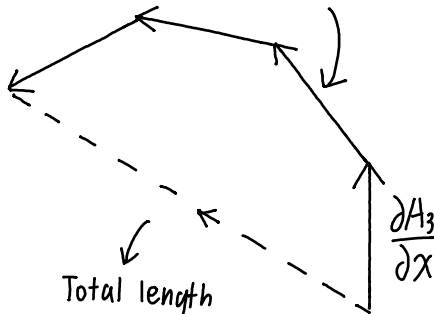


$$\frac{\partial A_3}{\partial x}$$



$$\Delta k = 0$$

each phasor has a constant phase angle to one another



Total length of  $\delta A_3$  reduced compared to  $\Delta k = 0$  (eventually a loop forms for some  $x$  and  $I_3 = 0$ )

$$\Delta k \neq 0$$