diff. w.v.t line

$$= \frac{d^{\circ}p}{dt} = \frac{\partial^{\circ}p}{\partial t} = \frac{\partial^{\circ}v}{\partial t} + \frac{\partial^{\circ}R}{\partial t} + \frac{\partial$$

$$\frac{d^{2}v_{p}}{dt} = \hat{a}_{a} = \hat{a}_{a} + d_{1}^{2} \sum_{\alpha \neq \beta} \hat{k}_{p} + \hat{a}_{2} \sum_{\alpha \neq \beta} d_{1}^{\alpha} p$$

$$+ 2^{2} \sum_{\beta} \hat{k}_{\beta} + \hat{k}_{\beta} \sum_{\alpha \neq \beta} d_{1}^{\alpha} p$$

$$+ 2^{2} \sum_{\beta} \hat{k}_{\beta} + \hat{k}_{\beta} \sum_{\alpha \neq \beta} d_{1}^{\alpha} p$$

$$= \hat{k}_{\alpha} + \hat{k}_{\alpha} + \hat{k}_{\beta} \sum_{\alpha \neq \beta} d_{1}^{\alpha} p$$

$$= \hat{k}_{\alpha} + \hat{k$$

ca + ° 52° R'P + 2° 52° R'P + ° R'P - 7

Frame,

relative audoration

percelenation of Angular

(a + i | + 1)

relative audoration

frame 'I' W. VI' o

Angular varieleration vomponent.

Kentripetal : succleration component.

Loriolis succelestion component