c.g. C,(p,q) C2(m,n) $\int (|n-m|^2 + (q-n)^2) = r, + r_2$ C, follows a+ 26 (2 follows C+ pd reed $\lambda = V$ and smallest value whoth represent fraction of a tribe $\sqrt{\left(\alpha_{1}+\lambda b_{1}-\left(c_{1}+\lambda d_{1}\right)^{2}+\left(\alpha_{2}+\lambda b_{2}-\left(c_{2}+\lambda d_{2}\right)^{2}}=\Gamma_{1}+\Gamma_{2}$ $((\alpha_1 - C_1) + \lambda (b_1 - b_1))^2 + ((\alpha_2 - C_2) + \lambda (b_2 - d_2))^2 = (r_1 - r_2)^2$ $(a,-c,)^2+2\lambda(a,-c,)(b,-d,)+\lambda^2(b,-d,)^2$ $\left[+ (a_2 - c_2)^2 + 2 \lambda (a_2 - c_2) (b_2 - d_2) + \lambda^2 (b_2 - d_2)^2 = (r_1 + r_2)^2 \right]$ $\left((b_1 - b_1)^2 + (b_2 - b_2)^2 \right) \right)^2 + 2 \left((a_1 - c_1) \left(b_1 - b_1 \right) + (a_2 - c_2) \left(b_2 - b_2 \right) \right) \right) + \left((a_1 - c_1)^2 + (a_2 - c_2)^2 - (r_1 + r_2)^2 \right) = 0$ $= \frac{-2((a_1-c_1\chi b_1-d_1)+(a_2-c_2\chi b_2-d_2))^{-1}\sqrt{(2((a_1-c_1\chi b_1-d_1)+(a_2-c_2\chi b_2-d_2)))^2-4((b_1-d_1)^2+(b_2-d_2)^2)((a_1-c_1)^2+(a_2-c_2)^2-(f_1+f_2)^2)}{(a_1-c_1\chi b_1-d_1)^2+(a_2-c_2\chi b_2-d_2)}$ test with an example $a_1 = 0$ $a_2 = 0$ $b_1 = 1$ $b_2 = 1$ $c_1 = 3$ $c_2 = 0$ $d_1 = 52 - 2$ $d_2 = 1 + 52$ $A = (b_1 - \lambda_1)^2 + (b_2 - d_2)^2$ $B = 2((a_1 - c_1)(b_1 - d_1) + (a_2 - c_2)(b_2 - d_2)$ $C = (a_1 - c_1)^2 + (a_2 - c_2)^2$

The distance d from a point $\left(x_0,y_0
ight)$ to the line ax+by+c=0 is line $\alpha + \lambda b$ $x = \lambda_1 + \lambda b_1$ $\lambda = \frac{x - a_1}{b_1}$ point $c + \mu d$ $d = \Gamma$ (c,+ Nd, c2+ Ndz) $y = a_2 + \frac{2-a_1}{6} \times b_2$ $6/4 = a_2b_1 + b_2x_2 - a_1b_2$ $\Gamma = \frac{\left|b_{2}(c_{1} + \mu d_{1}) - b_{1}(c_{2} + \mu d_{2}) + (a_{2}b_{1} - a_{1}b_{2})\right|}{\sqrt{b_{2}^{2} + b_{1}^{2}}}$ $V = \frac{\int_{0}^{2} \frac{1}{2} + b_{1}^{2} \pm \left(b_{1} - a_{1} b_{2}\right) + b_{1} \left(c_{1} + \mu d_{1}\right) + b_{1} \left(c_{2} + \mu d_{2}\right) - \left(a_{2} b_{1} - a_{1} b_{2}\right)}{\int_{0}^{2} \frac{1}{2} + b_{1}^{2} + a_{2} b_{1} - a_{1} b_{2}} = b_{1} c_{2} + b_{1} d_{2} \mu - b_{2} c_{1} - b_{2} d_{1} \mu}$ $V = \frac{\int_{0}^{2} \frac{1}{2} + b_{1}^{2} \pm \left(b_{1} - b_{2} - b_{$ $r \int b_{2}^{2} + b_{1}^{2} = |b_{2}(c_{1} + \mu d_{1}) - b_{1}(c_{2} + \mu d_{2}) + (a_{2}b_{1} - a_{1}b_{2})|$ $r \int b_{2}^{2} + b_{1}^{2} = b_{2}c_{1} + b_{2}d_{1}N - b_{1}c_{2} - b_{1}d_{2}N + d_{2}b_{1} - a_{1}b_{2}$ $r \int b_{2}^{2} + b_{1}^{2} + a_{2}b_{1} - a_{1}b_{1} + b_{2}c_{1} - b_{1}c_{2} = \mu(b_{1}d_{2} - b_{2}d_{1})$ $\int \sqrt{b_1^2 + b_1^2} + b_1 c_2 - b_2 c_1 + a_1 b_2 - a_2 b_1 = V(b_2 d_1 - b_1 d_2)$ $y = \frac{\sqrt{b_1^2 + b_1^2} + b_1 c_2 - b_2 c_1 + \alpha_1 b_2 - \alpha_2 b_1}{\sqrt{b_1^2 + b_1^2} + b_1 c_2 - b_2 c_1 + \alpha_1 b_2 - \alpha_2 b_1}$ $\mu = \frac{\int_{b_{2}}^{2} + b_{1}^{2} \pm (b_{1}c_{2} - b_{2}c_{1} + a_{1}b_{2} - a_{2}b_{1})}{\pm (b_{2}d_{1} - b_{1}d_{2})}$ return the smaller

 $\frac{b_{1}(c_{1}-A_{1})+b_{1}A_{1}V-b_{1}^{2}\lambda+b_{2}(c_{2}-A_{2})+b_{2}d_{2}V-b_{2}^{2}\lambda}{b_{1}(c_{1}-A_{1})+b_{2}(c_{2}-A_{2})+\left(b_{1}A_{1}+b_{2}d_{2}\right)V}=\lambda \quad \text{theth is bounds}$ $\frac{b_{1}(c_{1}-A_{1})+b_{2}(c_{2}-A_{2})+\left(b_{1}A_{1}+b_{2}d_{2}\right)V}{b_{1}^{2}+b_{2}^{2}}$

 $A_{i}=0$ $A_{i}=0$ $A_{i}=1$ A_{i

+ (b2d, -6, d2)

 $\lambda = \frac{b_1(c_1-d_1) + b_2(c_2-d_2) + (b_1d_1 + b_2d_2) V}{b_1^2 + b_2^2}$ with: 1.

se smaller p, o = N < 1