

0 X4 5 0 & C1 X₅ 5 2. \(\alpha \, \C_2. 用欧式距离作为距离度量. $0 d(X_1, G) = \sqrt{5^2 + 2^2} = \sqrt{29}, d(X_1, G_2) = 5 \Rightarrow X_1 : 2.$ $d(X_2, C_1) = J, d(X_2, C_2) = \sqrt{J^2 + 2^2} = \sqrt{29}, => X_2: 1.$ $d(X_3, C_1) = 4$, $d(X_3, C_2) = \sqrt{4^2 + 2^2} = \sqrt{20}$. => $X_3 : 1$. 第一次选代: (X, X, X4), (X, Xr), $C_1 = (\frac{1}{3}(0+1+5), \frac{1}{3}(0+0+0)) = (2,0)$ $C_2 = (\frac{1}{2}(0+5), \frac{1}{2}(2+2)) = (\frac{1}{2},2).$ $d(X_2, C_1) = \sqrt{2^2 + 0} = 2$. $d(X_2, C_2) = \sqrt{(\frac{1}{2})^2 + 2^2} = \sqrt{\frac{41}{4}}$ => $X_2 : 1$. $d(X_3, C_1) = \sqrt{1+0} = 1.$ $d(X_3, C_2) = \sqrt{(\frac{3}{2})^2 + 2^2} = \frac{1}{2}.$ $\Rightarrow X_3 : 1.$ $d(X_4, C_1) = \sqrt{3^2 + 0} = 3.$ $d(X_4, C_2) = \sqrt{(\frac{1}{2})^2 + 2^2} = \sqrt{\frac{4!}{4!}} = \lambda \times 1.$ $d(X_{\Gamma},C_{1})=\sqrt{3^{2}+2^{2}}=\sqrt{13}.$ $o((X_{\Gamma},C_{2})=\sqrt{(\frac{1}{2})^{2}+0}=\frac{1}{2}.$ \Rightarrow $X_{\Gamma}:2.$ 第二个迭代: (X2, X3, X4), (X1, Xc). 循果与第1次相同, 迭代信束. :, 编上, X2, X3, X4为-美, X1, X5为第-英.