Hierarchical	Chastering.
Agglomerativ 1. Sta	e = f with every point in its own cluster
2 - At	each step, marge the 2 closest Chusters p when
	$\sum_{P_i \in C} d(P_i, \mu_i) \qquad \sum_{X_i \in C_2} d(X_i, \mu_z)$
	S'd(yi, Miz) yreCiz
	$= \underbrace{\sum_{i=1}^{n} P_{i}}_{P_{i} \in C_{1}} \underbrace{A_{12}}_{Y_{i} \in C_{12}} \underbrace{\sum_{i=1}^{n} Y_{i}}_{Y_{i} \in C_{12}}$ $= \underbrace{\sum_{i=1}^{n} P_{i}}_{Y_{i} \in C_{12}} \underbrace{A_{12}}_{Y_{i} \in C_{12}} \underbrace{Y_{i} \in C_{12}}_{Y_{i} \in C_{12}}$
P ec	e(p, μ,)+ Σ d(p, με).
7 E Prec,	$ P_i - \frac{\sum_{r \in I_i} P_i}{ C_{i-1} } + \sum_{r \in C_{i-1}} P_r - \frac{\sum_{r \in I_i} X_i}{ C_{i-1} } $
Z d P eCız	(P., M12) = = = P -