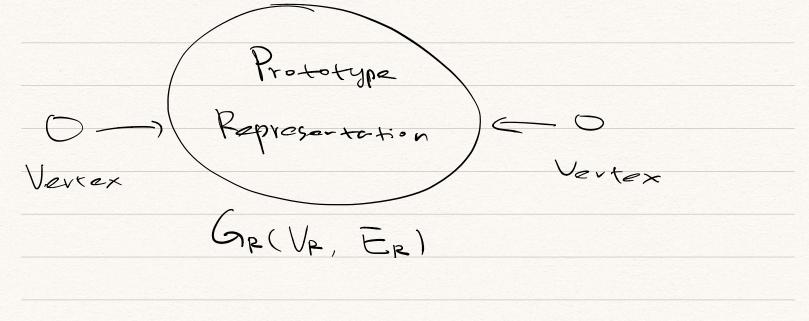
Transitive Westex Alignment Mierhol
Graphs G: (N vertices x k dim)
Vactorial representation prototype representation
org min 2 REC; Ri Pill
$\Delta = (C_1, C_2,, C_M)$ M clusters
V.K. Mean of vertex representations
of G
K-level officity matrix (W.r.t. each graph)
$A_{p}^{k}(i,j) = \  R_{p,i}^{k} - V_{j}^{k} \ _{2}$
$(V_{P}(\times M)$
f Ap(ij) is the smallest one in row i) Vectorial representation R & of VEV is
aligned to the j-th prototype representation

l'i e PR ( vertex Vi is aligned to j-th prototype representation) Aftinity Marrix K-level corverpondence Matrix Cpelo, Ch(i,j) = { | if Ap(i,j) is the smallest in Same prototype representation

Aligned Grid Structures Gp(Vp, Ep, Ap) Xp \in R LK-level Vertex correspondence matrix K-level aligned vertex feature  $X_{p}^{k} = (C_{p}^{k})^{T} \times_{p}$ | k-level aligned vertex adjacency Matrix  $\widehat{A_p} = (C_p)^T (\widehat{A_p})(C_p)$ 



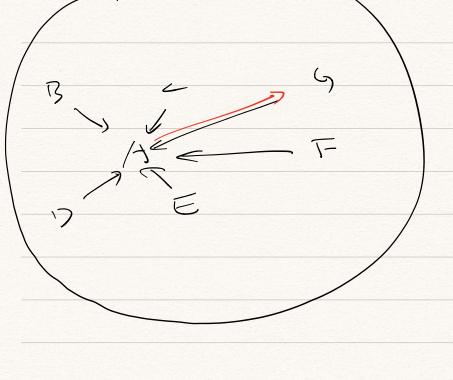
$$S(\mu_j^k, \mu_k^k) = e \times p\left(-\frac{\|\mu_j^k - \mu_k\|_2}{k}\right)$$

$$\begin{array}{c}
X_{p} = \frac{L}{2} \times X_{p}^{k} \\
X_{p} = \frac{L}{2} \times X_{p}^{k}$$

Undiversal Graph

$$\overline{D}_{p}^{D}(i) = \overline{D}_{p}^{D}(i)$$

$$\overline{D}_{p}^{D}(i) = \overline{D}_{p}^{$$



$$\frac{1+2p-f}{5}=9$$

$$1+2p-f=9$$