

i	
ng maran mangang ng digang an mangang mangang mangang mangang mangang mangang mangang mangang mangang mangang Mangang mangang	$L(i,j,3) = \sum_{l \notin \{i,j\}} \sum_{m \notin \{i,j,l\}} q_{im} \cdot q_{ml} \cdot q_{j} + L(i,j,2)$
	= Siali Siain ane] letijs metijs
	= 27 a; [] [] [] [] [] [] [] [] [] [
	$= \sum_{\substack{i \in \mathbb{Z}, i \in \mathbb{Z} \\ \text{Sum}(A[i]*)}} a_{i} \left[\frac{1}{i}, \frac{1}{i}, \frac{1}{i}, \frac{1}{i} \right] - a_{i} \cdot a_{i} \cdot$
	Sum(A[zi]*)
	= sum (A[,i]*[L(i,1,2)-a;,a;,])
	$= sum \left(A \left[\frac{1}{2} \right] + \left[\frac{L(i,1,2) - a_{ij} \cdot a_{ij}}{L(i,2,2) - a_{ij} \cdot a_{ij}} \right]$
	$\frac{L(i,n,2)-a_{ij}\cdot a_{jn}}{T}$
	Excladed - a; [this -a; a;]
	ais =0 => epolisse jte tem Brown sun
	to the state of th
	i

i-p-m-l-j

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L(i,j,4) = 2 2 2 aip: aip air ap ail as = 2; ap. 2; 2; apapmame]

letisis metisists petisis, 1, mis = 5 al. [] Zi aijapmame - aijajmame letijes peti, k, m} = 2 al. 2 2 aipapmant - 2 aisainamel mézi,j, l} pézi, l, už papmant - 2 aisainamel = 5 ali 2 2 2 aipapmame - Zaipapia; e - Zaijajmiane

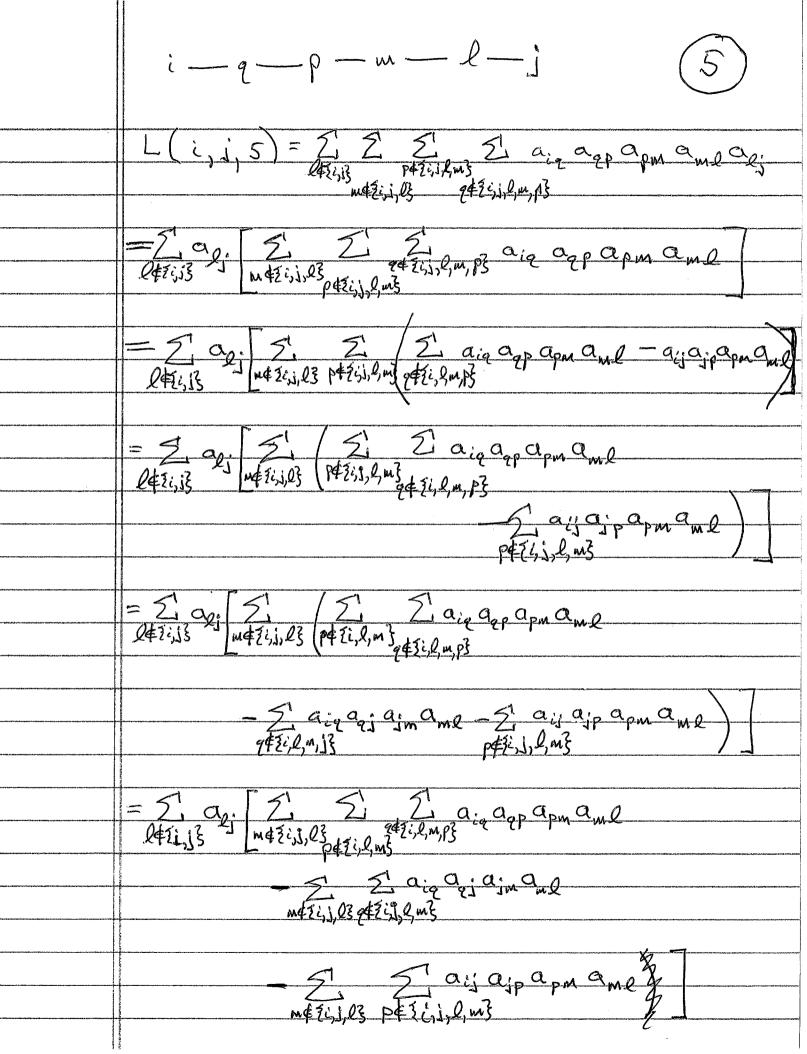
0471ij3 m471i,03 p47i,1,m3 p47i,1,13

2i,j,13 $= \frac{\sum_{i=1}^{n} a_{i}}{2i} \left[L(i, l, 3) - a_{i} 2 \sum_{\alpha : p} a_{p; \alpha} - a_{i; \alpha} 2 \sum_{\alpha : m \in \{i, l, j\}} a_{ml} \right]$ = $\sum_{\substack{a_i \in L(i,1,2) \\ \ell \neq i \neq i \neq s}} L(i,l,3) - a_{i} \ell(A[i,]*A[i]) + a_{i} \ell a_{i} \ell a_{i}$ -aij*sum(A[j,]*A[,l])+aijajiail l=j=> ajj=0 so no need to exclude but I terms where l=i is not zero

= Seem $A[,j] \times l=1$: $L(i,l,3)-a_{i,l}\cdot seem(A[i,]*A[,j])$ $+a_{i,l}\cdot a_{i,l}\cdot q_{i,j}\cdot q_{i,l}$ $+a_{i,l}\cdot a_{i,l}\cdot q_{i,j}\cdot q_{i,l}$ $+a_{i,l}\cdot a_{i,l}\cdot q_{i,l}\cdot q_{i,l}$

+a; * ta; · sum (A[i,]*A[,i])

+a; · ka; sum (A[;,]*A[,i])





= Zi ali Zi Zi aiqaqp apm ame leti, iš meti, lis peti, l, mis et 7 i, l, m, pi peri, il resi, l, pr - 2. aim ame (2 air api) mas Si aij ame (5) ajp apm

ne ži, i, liz = $\frac{2}{l + i, i}$ $\frac{1}{2}$ $\frac{1}{$ - 51 ajmame (51 aig agi - aij si ame (si ajp apm) $\sum_{i,j,l} \frac{1}{3} \frac{1}{947i,j,l,p_3} = \sum_{i,j,l} \frac{1}{3} \frac{1}{947i,j,p_3} \frac{1}{947i,j,p_3} \frac{1}{947i,j,p_3} \frac{1}{3} \frac{1}{947i,j,p_3} \frac{1}{3} \frac{1}{3}$ = 5 5 aig app api - 5 aig appapi
peri, i, l3 q & ri, i, p3 peri, i, l3 $= L(i, j, 3) - \frac{5}{4} a_{i2} a_{i2} a_{i2} = \sum_{\substack{a \in a_{i1}, a_{i2} \\ 4 \in [i, j, l]}} a_{i2} a_{i2} a_{i2} a_{i3} = \sum_{\substack{a \in a_{i2}, a_{i3} \\ 4 \in [i, j, l]}} a_{i2} a_{i2} a_{i3} a_{i4} a_{i5}$

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$$L(i,j,5) = \sum_{\text{exi,i}} a_{ij} \left[L(i,l,4) \right]$$

$$- \text{aid} \left(L(i,j,3) - \sum_{\text{aid}} a_{ij} a_{ij} a_{li} \right]$$

$$- \text{aid} \left(L(i,j,3) - \sum_{\text{qxi,i}} a_{ij} a_{ij} a_{li} \right)$$

$$- \sum_{\text{mxi,i}} a_{im} a_{im} L \left(\sum_{\text{qxi,mi}} a_{ij} a_{ij} \right)$$

$$- a_{ij} \sum_{\text{mxi,i}} a_{im} L \left(\sum_{\text{qxi,mi}} a_{ij} a_{ij} \right)$$

$$- a_{ij} \sum_{\text{mxi,i}} a_{im} L \left(\sum_{\text{qxi,mi}} a_{ij} a_{ij} \right)$$

$$- a_{ij} \sum_{\text{mxi,i}} a_{ij} a_{ij}$$