1.300	- mor of some later control or
	PCANBI
	PLBI
#1	Conditional Probability: $P_{ji} = \frac{\exp(-1 x_i - x_j ^2/26_i^2)}{5i} \qquad \text{for is the variance of the:}$
	$P_{ij} = e^{xp}(-1 x_i-x_j ^2/26^2)$
0.7	The exp $ - x_i-x_i ^2/c^2$ or is the variance of the:
	AFT 1 12 Oil: (Janarian that untered on
	Coverting the shortest distance between the points into
	the shortest distance between the points into
	probability of similarity of points.
#d.	For low-dimensional contespores I and I of the high dimension datapoints Xi & Xj: Compute similar conditional probability.
"	datapoints Xi. & Xi.
	tompute similar conditional probability.
	$\frac{g_{j/i} = \exp(- y_i - y_i ^2)}{\sum_{i=1}^{n} \exp(- y_i - y_i ^2)}$
	Ikti exp(-1/yi-yx1/2).
	Logically, the conditional probability Pji & Giji must be equal for a perfect representation of the smilarity of data points in the
	a perfect representation of the smilarity of data points in the
	different dimensional space
	So, SNE attempts to minimize this difference of conditional p.
	sor six e averings to minima out of and and will p.
# 7	11
#3.	Minimize the difference of two 1: minimize the distable function.
	KL divergence between two
	Minimize the difference of two ℓ : minimize the distance function. LL divergence between two $C = \sum_{i} kL(P_i Q_i) = \sum_{i} \sum_{j} P_{j} \log \frac{P_{j}i}{P_{j}i}$ Cost function.
	$i\int J/2 \int \frac{dJ}{dJ} dJ $
	Cost function.
1	· · · · · · · · · · · · · · · · · · ·

	Transfer for
#	Variance Si of the student's t-distribution that is centered over each high-dimensional days of the
	t-SNE perform binary Search for 5; that produces Privithfixed perplexity
	t-SNE perform binary Search for Si that produces Pi with fixed perplexity Prep (Pil = 2 H(Pil), where H(Pilis Shannon entropy of Pi.
	H (Pil = - & Pyi log Pili.
	The perplexity on be interpreted as a smooth measure of effective
· .	The perplexity on be interpreted as a smooth measure of effective number of neighbors. Typical values are 5 150.
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