millip word embedding (2. Prediction based 母補允: 1. Deep Learning え Train to Ij 田護機器找 Best function ③判断function 好/ 概 Loss function. 2. Deep (高瘦,多層) v.s. Shallow (肥矮, 1唐) 当以意 th Deep > Shallow, 即高程式之模 個化根念 間於 Dimension Reduction { linear [3. NMF oroder {2. Decoder 1. Count based 3.Max. Likelihood之均值和標準差 2. Gradient descent 1. Gradient ascent (2. testing set 78} { 1. Early Stopping 5 RMSProp + Momentum = Adam 1. training set 743 (ItE 7 = Overfitting) | 2 Regularization 1. Regularization 3. Cross entropy 2. Generative model : Max. Likelihood C 4. Momentum 3. Backpropagation Through Time (BPTT算法) 2. Backpropagation 1. Feature scaling L3. Propout: erremble 精神及用达 12. Adaptive Learning rate - RMSProp [ 1. New activation function [2. Maxout (Rell...)

3. 13/2 Dimension Reduction (nonlinear & 1. LLE, 2. Laplacian Eigenmaps , 3, t-SNE