	Description	#Words	#Connections	#Epochs	Performance	Training Performance	Test
HUMAN	?	$\approx 10^{14}$	?	?	79.4%		
ADPT	26 470	13 235 0	1	76.7%	47.1%		
ADPT_50	6428	3140	1	96.0%	72.1%		
T_WP	6428	4970	1	99.5%	72.1%		
	5694	4315	1	99.3%	68.6%		
	3140	26	99.9%	77.9%			
	0	9	99.5%	79.1%			

(see text for details)

sifier that improves in-

The 1204 mails were labelled according to this division. All administrative information and routing infor-
emoved automatically except for the subject and the sender of a message.
l are summarized in Table 1

2   Training Procedures

Two underlying training procedures were used for the ACSYS network:

Learning: This algorithm was originally proposed by Gorin [Gor90, Gor91].   The connection
tput unit c_k of the network are estimated by the

Flexibility Through Incremental Learning: Neural Networks for Text Categorization

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Abstract

ve incremental learning algorithm that learns interactively to classify
atch training runs.   Te