DANN appreations have been used in the field of solar energy for modeling and denger of a solar steam generating plant. 2) ANN are useful in System modeling, Such as mylene formas complex mapping and System Identification 3) Ahr are used for the estimation of heating- wads of buildings, a ANN are used in diversed applicates in

Control, robotics, pattern recognity forecasting medicine, power systems, manufacturie optimization, Signal processing and social 5) ANN are used for prediction of an flows in a naturally ventilated test room and for the prediction of the energy consumption of solar Smileli Advantages (1) It can perform tagks in which a Concar program campt perform De When an element of the ANN fails, it and continue without any problem by their parallel (3) An ANN does not need to be reprogrammed as it leaving itself. As adaptive, intelligent Systems, ANN's are volunt and excel at solving complex Brollers. a ANN sequives training to operate a Regimes high processing time for large NNs