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""ARTIFICIAL NEURAL NETWORKS IN ENVIRONMENTAL SCIENCES AND CHEMICAL ENGINEERING ""; ""ABSTRACT ""; ""INTRODUCTION ""; ""BRIEF DESCRIPTION OF ANN ""; ""LITERATURE REVIEW ""; ""ENVIRONMENTAL SCIENCES ""; ""CHEMICAL ENGINEERING ""; ""Modelling ""; ""Control""; ""Software Sensors ""; ""CONCLUSIONS ""; ""ACKNOWLEDGMENTS ""; ""REFERENCES ""; ""ESTABLISHING PRODUCTIVITY INDICES FOR WHEAT IN THE ARGENTINE PAMPAS BY AN ARTIFICIAL NEURAL NETWORK APPROACH""; ""ABSTRACT ""  
""ENVIRONMENTAL FACTORS CONTROLLING WHEAT YIELD IN THE PAMPAS """"Attempts for Predicting Wheat Yield in the Pampas Using Regression Techniques ""; ""Use of Artificial Neural Networks to Predict Wheat Yield ""; ""Establishing Productivity Indices by an Artificial Neural Network Approach""; ""CONCLUDING REMARKS""; ""REFERENCES ""; ""DESIGN OF ARTIFICIAL NEURAL NETWORK PREDICTORS IN MECHANICAL SYSTEMS PROBLEMS ""; ""ABSTRACT ""; ""1. INTRODUCTION ""; ""2. ARTIFICIAL NEURAL NETWORKS (ANNS) ""; ""2.1. Feedforward Neural Networks ""; ""2.2. Recurrent Neural Networks ""  
""2.1.1. Back Propagation neural network (BPNN) ""

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