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## Modeling Binomial Dependent Distribution of the Values: Synthesis Tables of Probabilities of Errors of the First and Second Kind of Biometrics-Neural Network Authentication System

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**Abstract**: Estimated probabilities of errors of the first and second kind for nonideal biometrics-neural transducers 256 outputs, the construction of nomograms based error probability of 'own' and 'alien' from the mathematical expectation and standard deviation of the normalized measures Hamming.

**Keywords:** modeling, errors, probability, biometrics, neural network, authentication **Conference Title:** ICNN 2014: International Conference on Neural Networks

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