BACK PROPAGATION IN ARTIFICIAL NEURAL NETWORKING WITH PANTONE COLOR

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ABSTRACT

Deep learning (DL) is playing a vital role in our lives. DL algorithm has been used to solve the partial differential equations to calculate the optimized weights of neural networks. Backpropagation is a standard method of training artificial neural networks. This method helps to calculate the gradient of a loss function with respects to all the weights in the network. We can improve the speed of calculation by simplifying the system of differential equations with the Backpropagation. In this study, we will discuss the basic functions of backpropagation and an algorithm that predicts the pantone color of this year.

REFERENCES