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## Fundamentals Of Artificial Neural Networks

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## Fundamentals Of Artificial Neural Networks

The introduction to this Chapter concerns principal ideas of the formulation of Artificial Neural Networks (ANNs), main features of neurocomputation, its development and

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Our neural network Black and white images are feed as input and processed through pre-processing network which removes noise from grayscale video The second layer/network is called as source - refrence network which takes output from pre-processing network along with refrence colour images and colorizes image based on it. source-refrence network consits of Temporal Source-Reference Attention which helps us to compute similarities between the reference images and the input images and it ...

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The perceptron is the first and simplest artificial neural network model. ANNs work the same way; A neural network consists of an input layer, one or more hidden layers, and finally an output layer; The input values are fixed, the synaptic coefficients (weights) and the bias are the only parameters which can be controlled;

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