

Chapter 1: Biological Insights

When did the development of the so-called artificial neural networks begin?

Which properties are characteristic for ANNs?

Draw the model of a nerve cell and briefly describe how it works?

How many neurons does a human possess?

Where does complex information processing in vertebrates take place?

Which processing principles of biological information processing are used in ANNs?

What is meant by the terms convergence, divergence and recurrence?