Neural Networks and Deep Learning: Part 1: Theoretical Foundations

The first lecture is scheduled on January 9, 2024 - 9:00
Visit the course web page for registration and connecting to the channel.
http://retis.sssup.it/~giorgio/courses/neural/nn.html

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Objectives: The aim of the course is to provide key concepts and methodologies to understand neural networks and deep learning models, explaining how to use them for pattern recognition, image classification, signal prediction, system identification, and adaptive control.

Course program
1. Introduction to neural computing. Motivations. Main network structures and learning paradigms.