



Technical Report

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Information technology — Artificial intelligence for multimedia —

Part 1: Vision and scenarios

*Technologies de l'information — Intelligence artificielle pour le
multimédia —*

Partie 1: Vision et scénarios

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Foreword

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Introduction

This document is part of the ISO/IEC 23888 series (also known as MPEG-AI) on artificial intelligence (AI) for multimedia.

Information technology — Artificial intelligence for multimedia —

Part 1: Vision and scenarios

1 Scope

This document presents the role of artificial intelligence (AI) technologies, including neural networks (NN), in multimedia coding and processing activities. It describes the current perspectives on AI for multimedia and identifies working assumptions and technical challenges expected from working with AI and NN-based technologies. This document highlights a variety of multimedia coding activities, key scenarios and gaps that are to be addressed by further standardization efforts.

2 Normative references

There are no normative references in this document.

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