

Roberto Marmo

Algoritmi per l'intelligenza artificiale

Progettazione,
Machine Learning,
Neural Network,
Deep Learning,
ChatGPT, Python

SECONDA EDIZIONE

HOEPLI



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EDITORE ULRICO HOEPLI MILANO

CAPITOLO 1

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Cosa è l'intelligenza artificiale? Quali problemi computazionali può risolvere? Quali passi fare per creare un algoritmo? Come organizzare i dati di input e interpretare l'output? Quale modello matematico scegliere e come programmarlo in linguaggio Python?

La nuova edizione del volume di Marmo intende rispondere a queste domande in modo pragmatico, per capire come funziona l'algoritmo, risolvere problemi tecnici e creare nuovi utilizzi. Ricca di esempi, consigli, link scelti, codice in linguaggio Python, l'opera è stata aggiornata inserendo alla fine di ogni capitolo una **raccolta di prompt da usare in ChatGPT**, con i quali sarà possibile approfondire di volta in volta l'argomento trattato.

Il libro tratta diversi temi, tra cui:

- definizioni e storia dell'intelligenza artificiale;
- progettazione dell'algoritmo;
- algoritmo evolutivo, logica fuzzy, sistema esperto;
- modelli di machine learning;
- neural network e deep learning;
- computer vision;
- contesto normativo;
- analisi serie temporali;
- programmare ChatGPT per creare testo e immagine.

RISORSE ONLINE

Su <https://www.algoritmiaa.it/> materiali gratuiti, integrazioni, codice in linguaggio Python.

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Sito web www.robortomarmo.net

Ulrico Hoepli Editore S.p.A.
via Hoepli, 5 - 20121 Milano
www.hoeplieditore.it

€ 39,90

ebook disponibile

ISBN 978-88-360-1727-0



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