

Graduatoria per l'assegnazione di un incarico di prestazione occasionale per attività di supporto alla ricerca

(Bando di selezione del 18.02.2021 - scadenza: 22.03.2021;
Approvato con delibera del Consiglio di Facoltà n. 20/2021 dell'11.02.2021)

Rangordnung zur Erteilung eines Auftrags für gelegentliche Mitarbeit in Bezug auf unterstützende Forschungstätigkeit

(Ausschreibung vom 18.02.2021 – Einreichetermin: 22.03.2021;
Genehmigt mit Beschluss des Fakultätsrates Nr. 20/2021 vom 11.02.2021)

Approvata con decreto del preside della Facoltà di Scienze e Tecnologie informatiche n. 12/2021 del 22.03.2021

Genehmigt mit Dekret des Dekans der Fakultät für Informatik Nr. 12/2021 vom 22.03.2021

Riferimento / Kennziffer:

P01

Progetto di ricerca / Forschungsprojekt:

"SemInt - Semantic Enrichment and Interoperability"

CUP: I56C18001080005

Descrizione dell'attività / Beschreibung der Tätigkeit:

Study, development, and evaluation of an experimental artificial intelligence system to learn best strategies to play a card game. The technology to be used is AlphaGo Zero, a learning algorithm which knows only the rules of the game (of different types to be integrated), and a Montecarlo search method to evaluate the quality of the evolving strategies. The final system will be provided with a graphical user interface to manage the games to be played against the system. There will be an evaluation of the semantics and the quality learned by the system.

The work consists in the analysis, the implementation, the training, and the evaluation of a software based on AlphaZero, which is able to learn the rules and the strategies of a card game. These tasks are organised in autonomy by the collaborator, also with reference to working times and places.

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