

Review on a Research Project

On the topic Deep Metric Learning

Topic of a project

Completed by a Student in 2023 year, group 2110

Ronaldo Franco Jaldin

Full name

| Nº | Evaluation Criteria | Score (on a 10-point scale) | Commentary on a score for criteria (if any) |
|----|--|-----------------------------|---|
| 1. | Scientific novelty | 8 | |
| 2. | Relevance of the work | 10 | |
| 3. | Completeness of information sources and existing results review and comparison with them | 6 | |
| 4. | Complexity and volume of work performed | 7 | |
| 5. | The quality of the text, clarity of the narration | 8 | |
| 6. | Sticking to the work plan, constant interaction with the Supervisor | 8 | |

Plagiarism evaluation from the Antiplagiat System (cannot be higher than 20%).

The place for the explanatory note from the Supervisor in case there is an exceeding the plagiarism limit (shall include the recommendation for admission or non-admission for final presentation of a project):

Text commentary from the Supervisor on a student's work (necessary to complete):

In his research project, Ronaldo Franco was engaged in the study and implementation of metric learning methods and their application for the task of multi-class classification. The novelty of the work and its relevance is due to the potential use of metric learning methods for the task of biometric identification based on time series of human activity. Literature review very briefly discusses the mathematical foundations of metric training methods. The experiment setups on the application of the metric learning method to MNIST and eye movement time series are described. The work text, though concise, is well written, references are given. In his work, Ronaldo tried to follow the schedule, was in touch. Therefore, I recommend the project for defence.

FINAL SCORE OF THE SUPERVISOR (out of 10) ____7____

(Final score is the overall evaluation of the work taking into account the criteria, not the arithmetic mean of the criteria)

Supervisor


(signature)

Качан О.Н.

(Full name, degree, position,, place of work)

Date

Rating compliance scale in HSE University

| Score (on a 10-point scale) | European grades scale | |
|-----------------------------|-----------------------|-----------|
| 10 | A + | Excellent |
| 9 | A | Very good |
| 8 | A - | Very good |
| 7 | B + | Good |

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|---|-----|--|
| 6 | B - | G o o d |
| 5 | C + | S a t i s f a c t o r y |
| 4 | C - | S a t i s f a c t o r y |
| 3 | F | F a i l |
| 2 | F | F a i l |
| 1 | F | F a i l |