

**Название публикации:**

An approach for prediction of user emotions based on ANFIS in social networks

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**Аннотация:**

In this paper, we propose an approach for emotions prediction. We suggest a taxonomy-based detection of user joyful interests with semantic spaces and also we propose an ANFIS method for prediction of emotions used in Twitter posts. Catching the attention of a new acquaintance and empathize with her can improve the social skills of a robot. For this reason, we illustrate here the first step towards a system which can be used by a social robot in order to "break the ice" with a new acquaintance. © 2018 CEUR-WS. All rights reserved.

**Ключевые слова:**

ANFIS method, Semantic Space, Social robots, Social skills, Twitter posts, User emotions