

such way it reasons by selecting arguments with the higher emotional stimuli, and being emotionally influenced by the use of the arguments. We state the necessary conditions under which an argument can be selected for passing from an argumentation stage (an step on the reasoning process) to another. We think it is an interesting approach to make the reasoning process of an agent more focused, each time avoiding arguments that are not emotionally-relevant for the agent, simplifying the amount of information that an agent uses in reasoning.

For future work, we propose to define an emotion-based semantic that determines what to believe from the set of conclusions supported by the arguments considered in a given emotional argumentation stage.

We also propose to integrate this formalism with the DeLP argumentation system [3]. In such integration, the emotions could be related to logical rules instead of arguments (i.e., a rule should reach some emotional interest to be used, and it would trigger some emotional changes as a result of its use). Thus, an activated argument could be formed by the chaining of activated rules, and a contextually preferred argument could be formed by the chaining of most emotionally-relevant rules.

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