

**From:** Joscha Bach <[REDACTED]>  
**To:** Jeffrey Epstein <jeevacation@gmail.com>  
**Cc:** Joi Ito <[REDACTED]>  
**Subject:** Re:  
**Date:** Tue, 08 May 2018 00:06:51 +0000

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I think that the whole game is internal. All our pleasure and pain are caused by satisfying or frustrating our needs, which are (roughly speaking) implemented in our reptilian brain. Our neocortex is modeling these needs as purposes, so we can regulate our behavior for satisfying our needs.

For example, the physical pain, and hunger and thirst exist on the level of needs, and survival is a purpose, a kind of modeling abstraction, as are food and drink.

Many of our purposes are outside of the organism, such as relationship purposes, and social purposes. Even our aesthetic purposes (like Jeffrey enjoying an intellectual standoff between Bannon and Summers) are not really related to the organism.

While the needs are somewhat hardcoded, our reaction to them is not (we can modulate pain and pleasure experiences, we can route our regulation around satisfying our needs, and we can repurpose our needs for competence, dominance, affiliation, and aesthetics for almost arbitrary goals. By changing the regulation goals (which is always internal to our mind) we change the payoff matrix.

On May 7, 2018, at 8:43 AM, jeffrey E. <jeevacation@gmail.com> wrote:

i posit that there is an internal game with its own payoff matrix, separate from the external. Is there a machine internal state equivalent.

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please note

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