

Re: Hawkins ideas on building AI's

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In article <def186b4.0410221556.4130ce55@posting.google.com>, bkaz <bkaz_@hotmail.com> writes

>> *B: That is pattern recognition, & that's what cortex does on every level.*

>> *Memory/association is just another term for it.*

>

>> *GS: Not exactly. Although it is true that much of what is called "memory" is*

>> *simply the effects of exposure to repeated presentations of stimuli*

>> *(habituation), "pairings" of stimuli (classical conditioning), and "3-term*

>> *contingencies" (operant conditioning), there is a bit more. That is, when*

>> *animals are exposed to, for example, delayed match-to-sample procedures,*

>> *they learn to do subtle things that mediate the temporal gap. The*

>> *acquisition of such behavior is, to be sure, the result of conditioning, but*

>> *it is not just one simple operant response class.*

>

>*There're probably many redundant mechanisms in the brain, evolution is*

>*dumb but we can do better.*

>

>> *B: There're lots of redundant terms in AI, philosophy, neuroscience..., but*

>> *"Entities must not be multiplied unnecessarily" (Occam)*

>

>> *GS: But, unfortunately, cognitive psychology's raison d'etre is the*

>> *promiscuous invention of explanatory fictions. And cognitive psychology has*

>> *corrupted AI, neuroscience, etc.*

>

>*I don't know who's corrupted whom, it seems human brain just isn't*

>*good at abstractions.*

>

>*Boris.*

Let's face it – you don't know very much, and you don't appear to be interested in doing any more about that than Zick or many others here. You don't know what Sizemore's referring to, so you end up writing rubbish. That's a fact – why don't you try to learn and do yourself a service? As it is, you're all just rehashing the Monty Python Argument sketch. That was designed to show people how silly such behaviour is. Are you American *and* stupid?

--

David Longley

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