

Construction and artificial realization of intelligent multi-sensory subject set form

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Abstract: The realization of Liu Xia reconstruction and the concept of subject, the corresponding realization between existence, the corresponding determination, as the realization of existence as the main body, reveal the mutual determination between different senses as the principle of consciousness (cognition), consciousness (cognition) is the main body realization of two or more sensory nerves excited at the same time, different sensory nerves excited at the same time and excited by the connection, thus putting forward the collective mathematical form of intelligent subjects and the technological path of artificial realization.

Keywords: Consciousness explanation; subject realization set; neural algorithm; natural language processing; general artificial intelligence

Interpretation of consciousness (cognition) is currently recognized as a special scientific problem, which is the basis for the development of many science and technology categories. At present, artificial intelligence is confronted with this bottleneck. The author reconstructs the concept of realization and subject, and gives a new attempt of consciousness (cognition) research by the approach of neurophenomenology.

1. New definition of subject

"The corresponding realization between existence and the corresponding determination of realization", "Being as realization is (generalized) subject"^[1], and the new definition of subject emphasizes the personal status of the implementer. There is a subject where there is implementation, there is a subject where there is implementation, and where the subject is where the implementation is, so that strict set relations and algorithms can be established among the subjects accordingly.

Objects realize different attributes corresponding to different subjects, and attributes are subject existence instead of object existence.

2. Realization of consciousness

The noumenon of the phenomenon is the excited sensory nerve instead of the external, and the phenomenon and the excited nerve are the same. This is a new approach to neurocognitive science as a new principle of neurophenomenology: through the analysis of the relationship between phenomena, what cannot be seen in the current spatial-temporal resolution of the instrument can be given.

It is impossible to establish any psychological life by pure feeling. Different kinds of feelings are mutually determined as the principle of consciousness (cognition). The main realization of simultaneous excitation of more than two kinds of sensory nerves is consciousness (cognition)^[3]. The more diverse and stronger the feeling, the fuller and more substantial the subjective consciousness.

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The subject of consciousness establishes attribute to existence by personal feeling, and feeling is the foothold of the subject of consciousness. All attributes can be restored to feeling, which the author calls "the turn of feeling center". Sensation is an evolutionary product of biological adaptation to existence, not an essential reflection of the existence of objects. The subject of consciousness can only give relations to existence, but cannot and need not give essence.

3. Neurological working mechanism

Neural connection is memory, and two or more sensory nerves connected together are conceptual bodies. The realization of pleasure or pain is the realization of the subject's interests, and the conscious subject establishes corresponding value attributes for the realization of a certain feeling by synchronizing the realization of pleasure or pain, with value as the core of the concept. The neural network will not be excited to cause all connections to be excited at the same time, but the pleasant sensation or pain nerve connections will cause some nerve excitations and trigger the movement organization activities, which is "value-driven". Value-driven participation in causal chain realizes coordination of neural connections in the evolution of natural selection of the same heart and object.

Neural connection gives logic such as induction and deduction and its formalization, and the corresponding realization logic of multi-subject that realizes value participation due to the diversity of subject's sensory organization structure and experience. Formal logic is unified with dialectical logic as the realization of specific subject in multi-subject.

Cognition is determined by the specific subject's personal feeling, which is of course applicable to the subject. The corresponding determination of knowledge makes the corresponding utilization possible. Thus, the sense center turns to epistemology realizes the foundation of new knowledge theory. It also means that all behavioral practices should seek direct basis from neural connections.

4. Sensory evolution

There is no difference in the basic realization of any realization based on the subject's personal experience. The subject's feeling corresponds to the realization structure and is diversified and strengthened with the evolution of existence. It can be seen that sensory restoration of attributes is not traditional reductionism. From the basic realization to the realization of neuron physiological excitation, there is no new basic existence emerging but only some basic structural realization. A feeling of loneliness will not mutually confirm to realize the improvement of consciousness and memory.

Second, the multi-sensory nerve connects with the collective form construction of subjective consciousness realization.

The realization of multi-sensory nerve connecting subject sets realizes the explanation of consciousness (cognition) and its nerve working mechanism, and gives the realization scheme of strong artificial intelligence technology, which realizes the cognitive learning, language understanding, decision instruction and so on of artificial intelligence objects in the context. Although this machine is difficult to reach the number of neurons and synapses in the human brain, it has three advantages: energy supply, task specialization and memory intensity. It is expected to do almost all human work such as scientific exploration, legal judgment, investment and financial management, military command, artistic creation and operation, driving and cooking, and do better.

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