Generation of association using human thought form

Japanese Design Software

Neuro-Baby

Media Art Video/Demo

Media Art Video/Demo

Video Art

Video Art

Unconscious Flow

Neuro-Baby

Neuro-Baby

i.plot: Software Reading Between the Lines

Generation of association using human thought form

She designed a software that shows various relationships among words through "inspirational" computing. When a user inputs a sentence, the system could connects between the words based on an association using human thought form. The user forms the imagination and the extent of the sentence. By repeating this he/she would be able to "pick up the subtext" of the sentences or, in other words, able to "read between lines."

Why do people, regardless of age or gender, have an affinity for objects manifested in the human form? From the earthen figures of ancient times to mechanical dolls, teddy bears and robots, is it not true that man has conceived such objects in his imagination, then formed attachments and transferred emotions to them?

Tosa Nenko has been studying the issues of communication and esthetics of artificial life that possess this "human form" in modern society, both from artistic and engineering standpoints. An example is presented in which emotions are interpreted from human voices and emotional responses are triggered within the interactive setting of "Neuro-Baby."

Two computer-generated mermaids function as individual agents for two viewers. Each mermaid agent moves in sync with the heart rate detected by an electrode attached to the collarbone of its viewer. Then, using a synchronization interaction model that calculates the mutual heart rate on a personal computer, the two mermaids express hidden non-verbal communication.

This work, because it provides inspiration containing humor and wisdom, offers people new opportunities for stimulation and symbiosis.