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Werbos

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(54) **NEURAL NETWORKS FOR INTELLIGENT CONTROL**

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(51) **Int. Cl.**⁷ **G06F 17/00**

(52) **U.S. Cl.** **706/48; 706/16**

(58) **Field of Search** **706/48**

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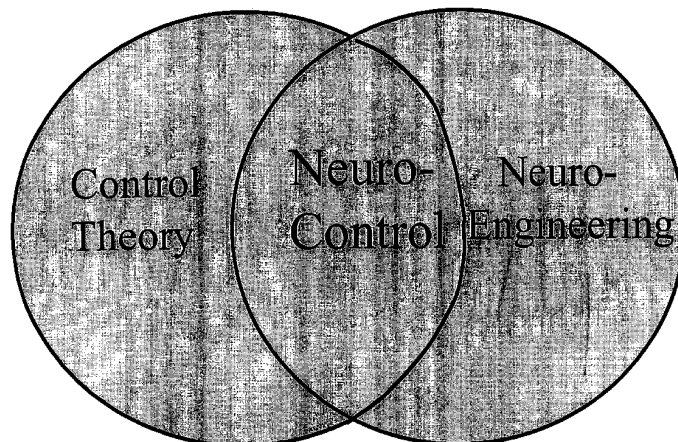
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(57) **ABSTRACT**

A method and system for implementing a neuro-controller. One example of a neuro-controller is a brain-like stochastic search. Another example is a neuro-controller for controlling a hypersonic aircraft. Using a variety of learning techniques, the method and system provide adaptable control of external devices (e.g., airplanes, plants, factories, and financial systems).

4 Claims, 56 Drawing Sheets



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