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PSYCHIC FIELDS AND NEURAL NETWORKS

Robert W. Newcomb

This paper reviews both the areas of psychic fields and neural networks pointing out similarities and differences. Emphasis is placed upon possibilities for significant advances and needed research to achieve these advances in the future.

Psychic fields as used here are fields in n-dimensions which satisfy a class of Maxwell's equations. These latter are expressed most conveniently in a Clifford algebra framework and appear capable of expressing properties of emotional type [1]. Neural networks as used here are connections of electronic circuits or their models which mimic important properties of biological nervous systems [2]. Consequently, there appear to be very close ties between the two areas.

References:

- [1]. R. W. Newcomb, "Psychic Fields: Basics and Main Ideas," Microsystems and Generalized Networks Report, University of Maryland, November 10, 1977.
- [2]. R. W. Newcomb, "Neural-Type Microsystems: Some Circuits and Considerations," Proceedings of the IEEE International Conference on Circuits and Computers, ICCS 80, Port Chester, October 1980, Vol. 2, pp. 1072 - 1074.

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