## **Phasor Neural Networks**

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Abstract:
A novel network type is introduced which uses unit-length 2-vectors for local variables. As an example of its applications,
associative

memory nets are defined and their performance analyzed. Real systems corresponding to such 'phasor' models can be

of limit-cycle oscillators or optical resonators that have a hologram in their feedback path.

e.g. (neuro)biological networks