Motion Clouds: Model-based stimulus synthesis of natural-like random textures for the study of motion perception

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Model-based stimulus synthesis
C. Simoncini, L. U. Perrinet, A. Montagnini, P. Mamassian, and G. S. Masson,
More is not always better: different motion decoding for perception or action
In revision http://invibe.net/LaurentPerrinet/Publications/Simoncini12
Take-home message

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For Further Reading

The behavioral receptive field underlying motion integration for primate tracking eye movements.
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Modeling spatial integration in the ocular following response using a probabilistic framework.
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Role of homeostasis in learning sparse representations.
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Motion illusions as optimal percepts.