

Waving illusion produced by the peripheral drift illusion

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1. Waving motion appearance can be given by the special configuration of the peripheral drift illusion.

Speculation 1: There might be “waving motion detectors” in MST or its vicinity.

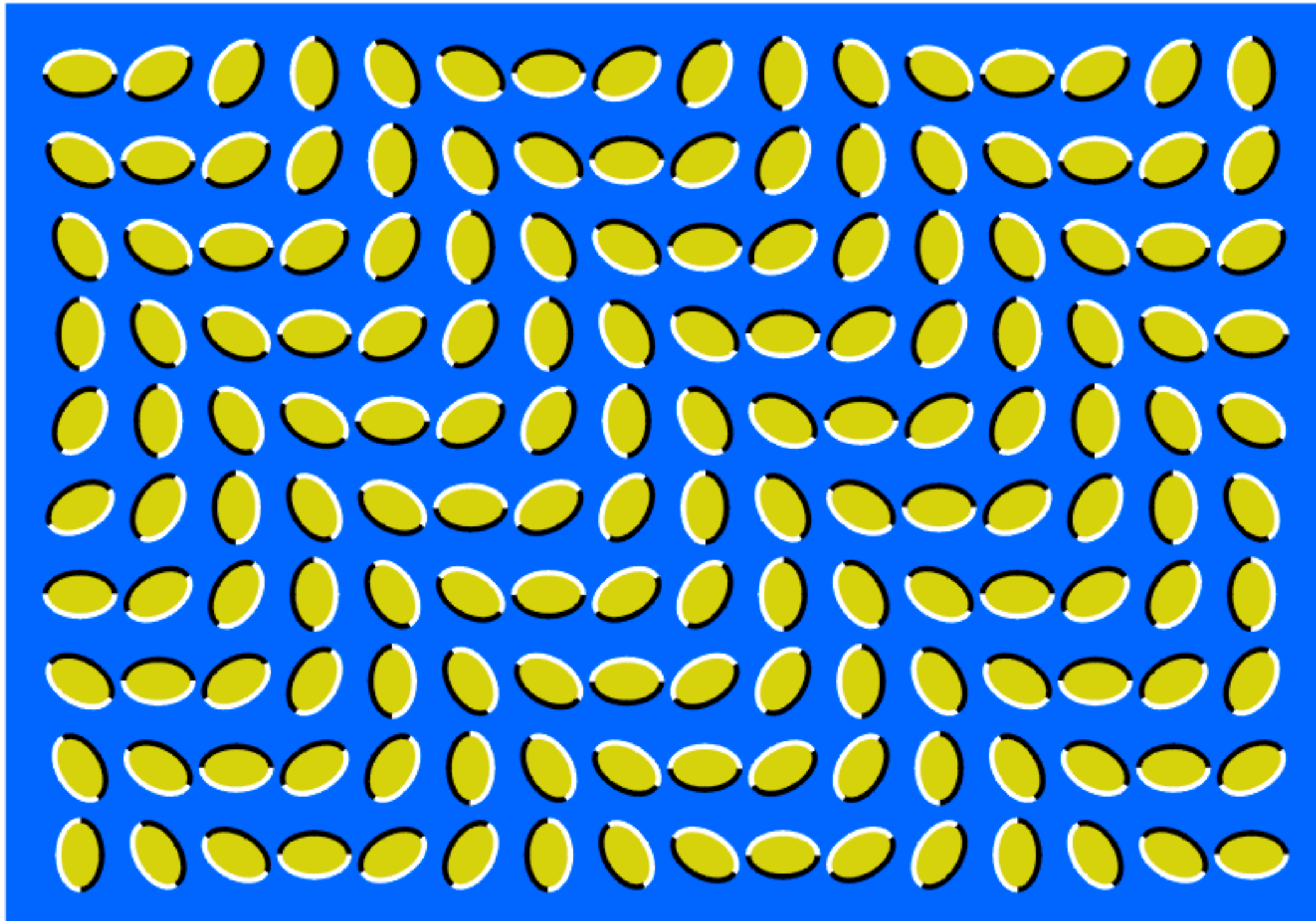
2. The configuration for waving motion appearance should be concave appearance. Convex appearance gives “viscous motion” appearance.

Speculation 2: Concave appearance is given by the following two factors. The second one is the stronger.



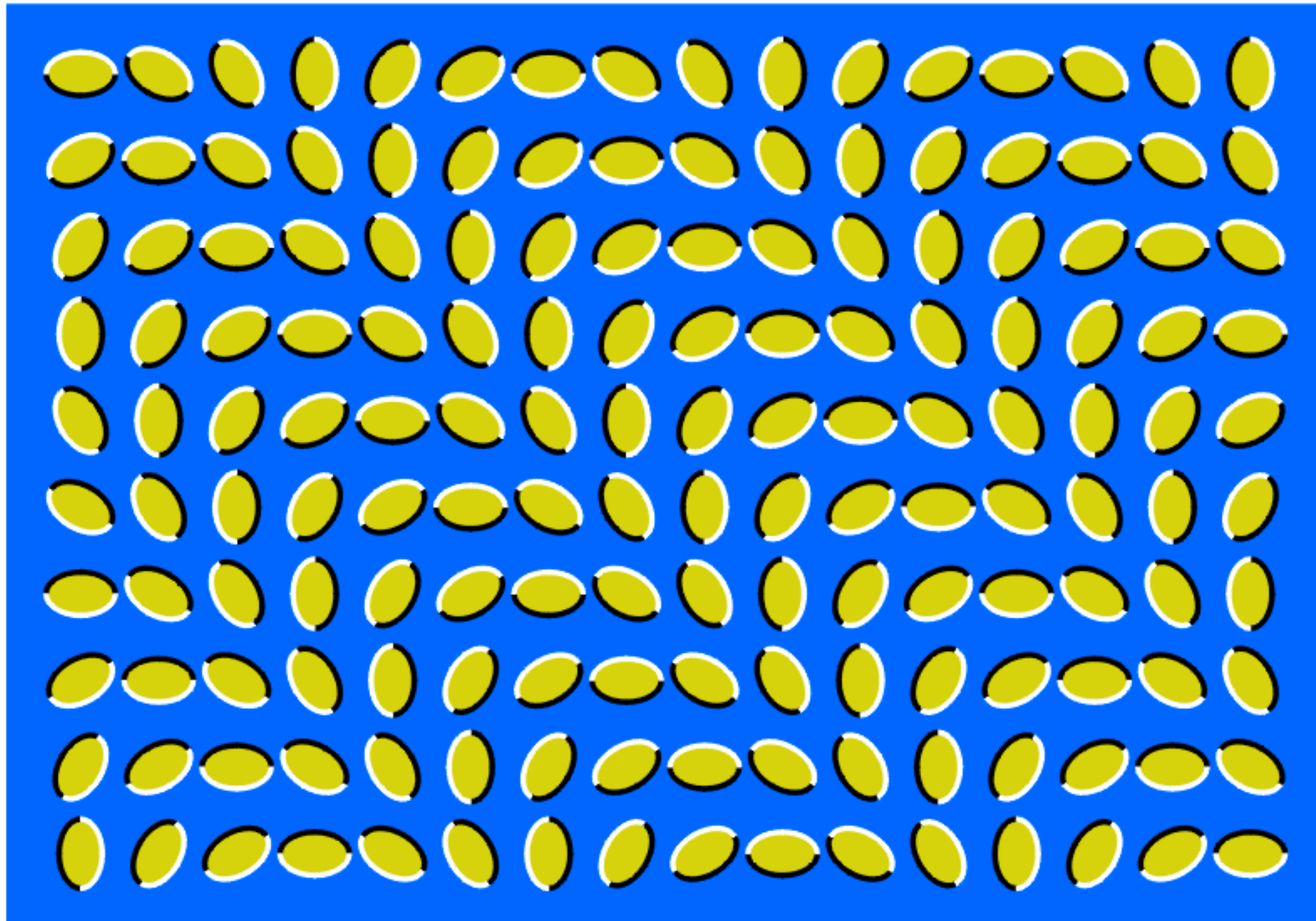
3. There remains a question why the “central drift” illusion does not give waving motion appearance so strongly.

Waving motion illusion



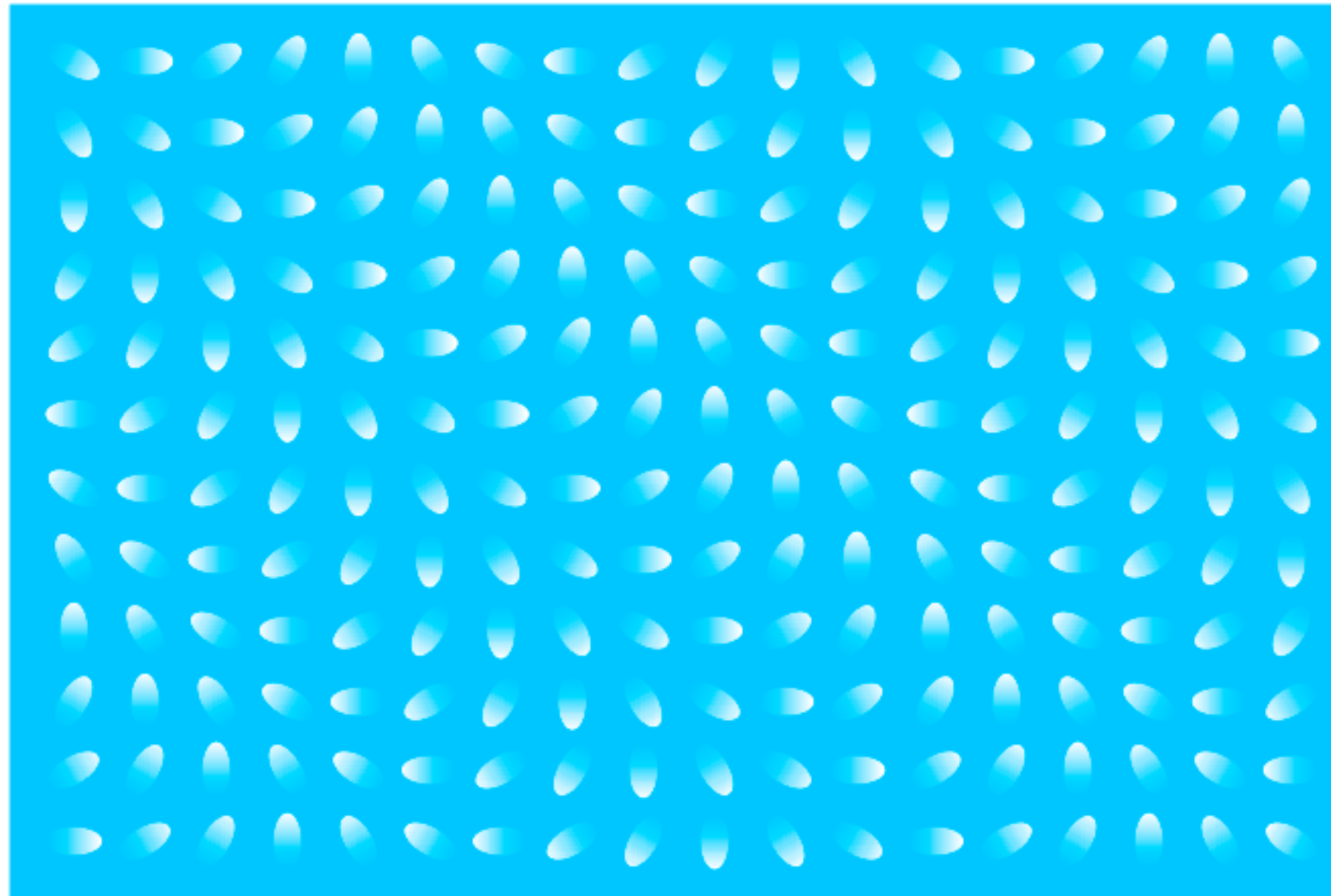
Rice wave ©Akiyoshi Kitaoka 2004

Viscous motion illusion



Rice wave - upside down ©Akiyoshi Kitaoka 2005

Wave configuration of the central drift illusion



Paramecia ©Akiyoshi Kitaoka 2005