Psykinematix Features:

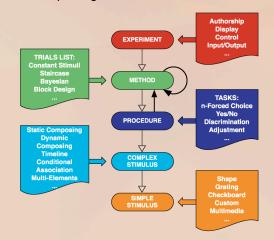
- Easy experimental design
 - no programming required
 - simple hierarchical structure
 - "canned" experiments
- Standard methods
 - constant stimuli
 - staircase
 - Bayesian adaptive estimation
- Standard procedures
 - □ nAFC
 - yes/no
 - discrimination
 - adjustment
- Large variety of stimuli
 - shape, grating, checkerboard
 - expression-based (Matlab-like)
 - □ 1st-, 2nd-order stimulus
 - multi-elements stimulus
 - multimedia
- Temporal properties
 - fusion, flickering, contrast reversal
 - timeline (SOA, ISI)
 - time-varying parameters
- Display calibration
- Enhanced contrast resolution
- Data plotting & fitting
- Data management & logbook
- Communication with external devices
- Easy export of stimuli, graphs & data
- Built-in documentation
- Tutorials and numerous examples

... and much more!

Fields of Application:

- Basic & Clinical Vision Research
- Experimental Psychology
- Cognitive Neuroscience
- Brain Imaging/Electrophysiology
- Human Factors

Psykinematix is a comprehensive software package dedicated to Visual Psychophysics running on Mac OS X computers that requires no programming skills to create and run complex experiments: Psykinematix can present spatio-temporal visual stimuli, run standard psychophysical protocols, collect subjects' responses, and analyze results on the fly. It also follows an intuitive experimental design based on the Method / Procedure / Stimulus paradigm illustrated below:



Psykinematix is an affordable experimental package starting from 200\$ USD for a student license (v1.5) and 400\$ USD for a single-user license (v2.0 GPU). Discounts for volume licensing and support packages are also available. For more information, please visit our website.

Download a 15-day* trial version at www.psykinematix.com

* after expiration it can still be used as a **FREE educational tool** to introduce visual perception and illustrate psychophysical concepts in the classroom.

Minimum System Requirements (v1.5 only):

Mac OS X 10.4, G4 800Mhz, 32MB VRAM

Recommended System Requirements:

Mac OS X 10.8, 2.4GHz Intel Core, 256MB VRAM



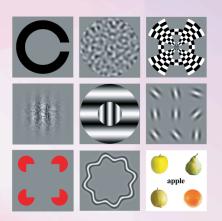
KyberVision Japan LLC 5-2-8 Takamori, Izumi-ku Sendai, Miyagi 981-3203 Japan



Student, GPU, Bits#/Display++
Editions Available!

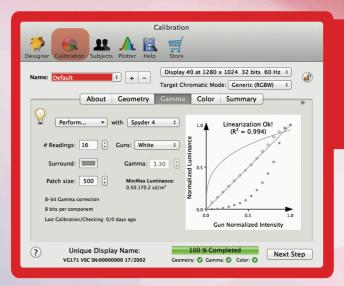
Visual Psychophysics Made Easy!

- No programming required
- ★ WYSIWYG stimulus creation
- * Experimental design in no time
- * Streamlined workflow

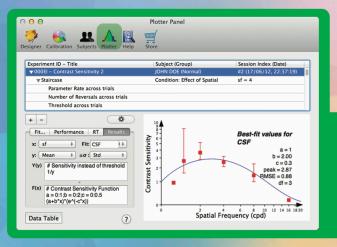




KyberVision Japan LLC Consulting, R&D in Vision Sciences info@kybervision.com www.kybervision.com







EASY DISPLAY CALIBRATION

- Geometry
- Gamma correction
- Color: Yxy, L(λ)
- Interfacing with colorimeters

EASY EXPERIMENTAL DESIGN

- No programming required
- Simple hierarchical structure
- Design wizard



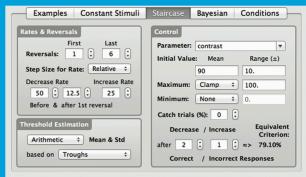
CREATE COMPLEX STIMULI

- Static & dynamic composing
- Timeline, conditional
- RDK, multi-elements field
- Text, image, movie & sound
- Time-varying parameters

DATA PLOTTING & FITTING

- Reaction time histogram
- Threshold & slope
- Graph customization
- Choice of psychometric functions

Standard Methods



Standard Procedures

Which? nFC Yes/No Disc Adjust	Trial Properties
n: 2 Choice Inputs 1 Implies I Information	Subject's Response with: Keyboard In post-stimulus interval Time-limited Ends Stimulus/Trial Options: Auditory Indicators Response Feedback Fixation Mark
RT Pedestal Multi-Responses Intervals	Temporal Modulation: None
Uniform (±) Gaussian (sigma) Range: 0.250 0.250	ISI/ITI (s): 0.500 🕏

A Large Variety of Visual Stimuli

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rrier Gratir	ng ‡				
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