Group 3-1

Self-Organization of Cortical Receptive Field and Maps

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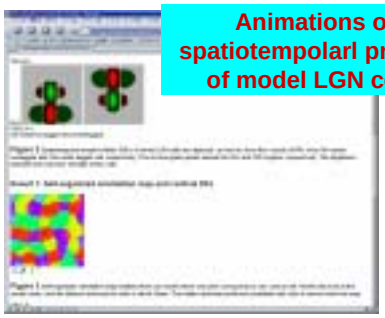
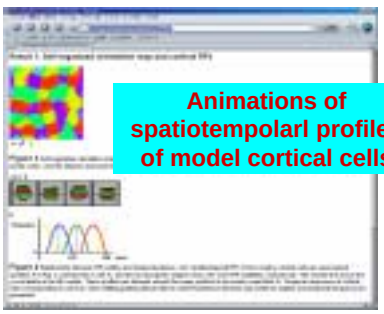
Contents I

Spatial phase properties of simple cells and their related cortical columns in the primary visual cortex: Model study.

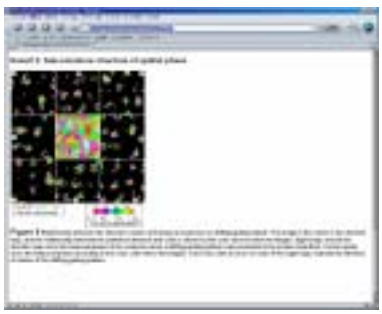
M. Miyashita & S. Tanaka Neuroscience Research (Suppl.) 2000;24:S72



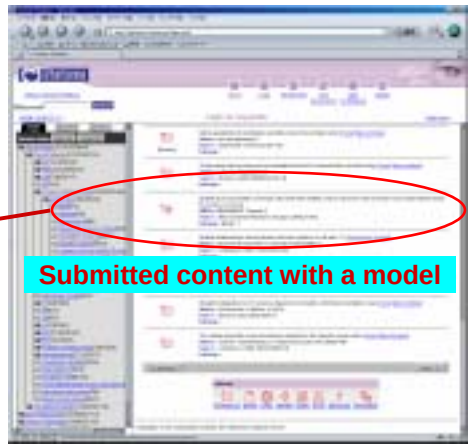
Animations of spatiotempolarl profiles of model LGN cells



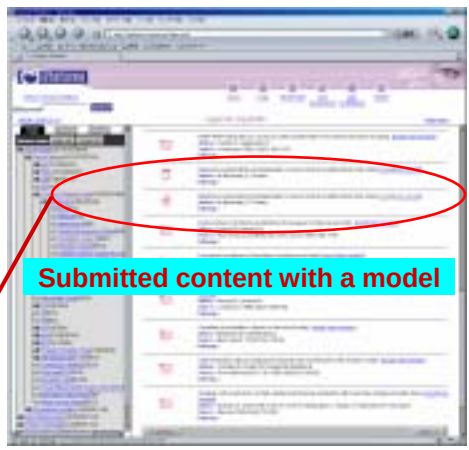
Animations of spatiotempolarl profiles of model cortical cells



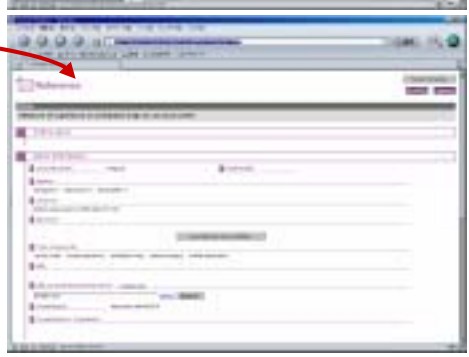
Visiome Platform



Submitted content with a model



Submitted content with a model

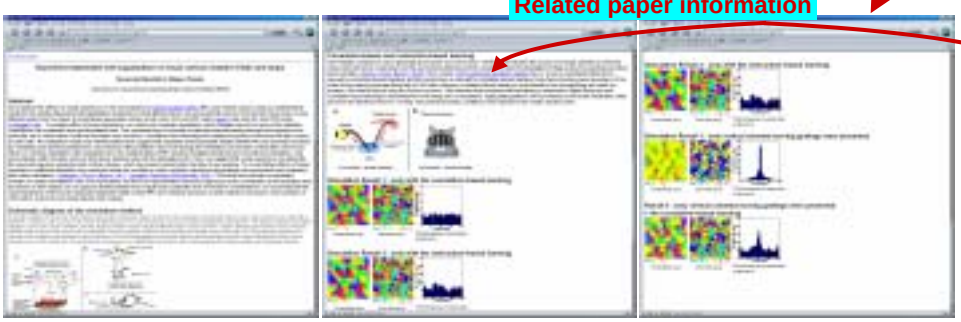


Contents II

Experience-dependent self-organization of visual cortical receptive fields and maps

M. Miyashita & S. Tanaka, The Neural basis of early vision. A. Kaneko (ed.) 2003

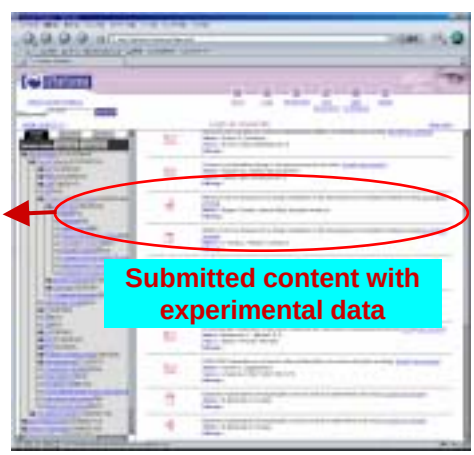
Related paper information



Contents III (Experiment data related to contents II)

Effects of chronic exposure to a single orientation on the development of orientation preference map

S. Tanaka, J. Ribot & K. Imamura The Neural basis of early vision. A. Kaneko (ed.) 2003



Submitted content with experimental data