

Psychology 600-303: Proseminar on Human Information Processing
Spring Semester, 1998
Readings

- [R1] Bundesen, C. (1996) Formal models of visual attention: A tutorial review. In A. F. Kramer, M. G. H. Coles, & G. D. Logan, *Converging operations in the study of visual selective attention*. Washington, DC: APA, Pp. 77-106.
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- [R4] Egeth, H. E. & Yantis, S. (1997) Visual attention: Control, representation, and time course. *Annual Review of Psychology*, 48, 269-297.
- [R5] Hawkins, H. L., Hillyard, S. A., Luck, S. J., Mouloua, M., Downing, C. J. & Woodward, D. P. (1990) Visual attention modulates signal detectability. *Journal of Experimental Psychology: Human Perception and Performance*, 16, 802-811.
- [R6] Johnston, J. (1978). A test of the sophisticated guessing theory of word perception, *Cognitive Psychology*, 10, 123-153.
- [R7] Johnston, J. C. & Pashler, H. (1990) Close binding of identity and location in visual feature perception. *Journal of Experimental Psychology: Human Perception and Performance*, 16, 843-856.
- [R8] Kinchla, R. A. (1992) Attention. *Annual Review of Psychology*, 43, 711-742.
- [R9] Massaro, D. W. & Cowan, N. (1993) Information processing models: Microscopes of the mind. *Annual Review of Psychology*, 44, 383-425
- [R10] Mordkoff, J. T. & Yantis, S. (1991). An interactive race model of divided attention.. *Journal of Experimental Psychology: Human Perception & Performance*. 17, 520-538.
- [R11] Neill, W. T. & Valdes, L. A. (1996) Facilitatory and inhibitory aspects of attention. In A. F. Kramer, M. G. H. Coles, & G. D. Logan, *Converging operations in the study of visual selective attention*. Washington, DC: APA, Pp. 77-106.
- [R12] Neumann, O. & Klotz, W. (1994) Motor responses to nonreportable, masked stimuli: Where is the limit of direct parameter specification? In C. Umiltà & M. Moscovitch, *Attention and performance XV: Conscious and nonconscious information processing*. Cambridge, MA: MIT Press. Pp. 123-150.
- [R13] Pashler, H. (1994) Dual-task interference in simple tasks: Data and theory. *Psychological Bulletin*, 116, 220-244.
- [R14] Rogers, R. & Monsell, S. (1995) Costs of a predictable switch between simple cognitive tasks. *Journal of Experimental Psychology: General*, 124, 207-231.
- [R15] Rosenbaum, D. A., Weber, R. J., Hazelett, W. M., & Hindorff, V. (1986) The parameter remapping effect in human performance: Evidence from tongue twisters and finger fumlbers. *Journal of Memory and Language*, 25, 710-725.
- [R16] Rosenbaum, D., Kenny, S. and Derr, M. (1983). Hierarchical control of rapid movement sequences. *Journal of Experimental Psychology: Human Perception and Performance*, 9, 86-102.
- [R17] Shaw, M. L. (1984) Division of attention among spatial locations: A fundamental difference between detection of letters and detection of luminance increments. In H. Bouma & D. G. Bouwhuis (Eds.) *Attention and Performance X*. Erlbaum. Pp. 109-121.
- [R18] Smith, R. W. & Kounios, J. (1996) Sudden insight: All-or-none processing revealed by speed-accuracy decomposition. *Journal of Experimental Psychology: Learning, Memory and Cognition*, 22, 1443-1462.
- [R19] Snodgrass, J. G., Levy-Berger, G., & Haydon, M. (1985) *Human experimental psychology*. New York: Oxford University Press, Pp. 66-75. [Notes on signal detection theory]

- [R20] Spoehr, K. T. and Lehmkuhle, S. W. (1982). Perceiving several patterns at once. In Spoehr, K. T. and Lehmkuhle, S. W. *Visual information processing*. San Francisco: W. H. Freeman. Pp. 94-110.
- [R21] Sternberg, S. (1998) "Inferring mental operations from reaction-time data: How we compare objects." In D. Scarborough & S. Sternberg (Eds.), *An Invitation to Cognitive Science, Volume 4: Methods, Models, and Conceptual Issues*. Cambridge, MA : M.I.T. Press. Pp. 365-454.
- [R22] Sternberg, S. (1998). "Discovering mental processing stages: The method of additive factors", Chapter 14 in D. Scarborough & S. Sternberg (Eds.), *An Invitation to Cognitive Science, Volume 4: Methods, Models, and Conceptual Issues*. Cambridge, MA : M.I.T. Press. Pp. 703-863.
- [R23] Swets, J. A. (1998) Separating discrimination and decision in detection, recognition, and matters of life and death. In D. Scarborough & S. Sternberg (Eds.), *An Invitation to Cognitive Science, Volume 4: Methods, Models, and Conceptual Issues*. Cambridge, MA : M.I.T. Press. Pp. 635-702.
- [R24] Treisman, A. (1986). Features and objects in visual processing. *Scientific American*, 255, 114B-125.
- [R25] Wing, A. M. (1980). The long and short of timing in response sequences. In G.E.Stelmach & J. Requin (Eds.), *Tutorials in motor behavior*. Amsterdam: North-Holland. Pp. 469-486.
- [R26] Wright, C. E. (1990). Control of sequential motor activity. In D. N. Osherson, S. M. Kosslyn, & J. M. Hollerbach, (Eds.) *An invitation to cognitive science, vol 2: Visual cognition and action* (First Edition). Cambridge, MA: M.I.T Press. Pp. 286-316.
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