

PS3031: Methods in Cognitive Neuroscience

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Aglioti, S., DeSouza, J.F.X. and Goodale, M.A. (1995) 'Size-contrast illusions deceive the eye but not the hand', *Current Biology*, 5(6), pp. 679–685. Available at:
[https://doi.org/10.1016/S0960-9822\(95\)00133-3](https://doi.org/10.1016/S0960-9822(95)00133-3).

Bear, M.F., Connors, B.W. and Paradiso, M.A. (2016) *Neuroscience: exploring the brain*. Fourth edition. Philadelphia: Wolters Kluwer.

Bechara, A. (1997) 'Deciding Advantageously Before Knowing the Advantageous Strategy', *Science*, 275(5304), pp. 1293–1295. Available at:
<https://doi.org/10.1126/science.275.5304.1293>.

Currie, S. et al. (2013) 'Understanding MRI: basic MR physics for physicians', *Postgraduate Medical Journal*, 89(1050), pp. 209–223. Available at:
<https://doi.org/10.1136/postgradmedj-2012-131342>.

De Valois, R.L. and De Valois, K.K. (1988) *Spatial Vision*. New York: Oxford University Press.

Faghihi, R. et al. (2017) *Magnetic Resonance Spectroscopy and its Clinical Applications: A Review*, *Journal of Medical Imaging and Radiation Sciences*. Available at:
<https://doi.org/10.1016/j.jmir.2017.06.004>.

Fornito, A., Zalesky, A. and Bullmore, E.T. (2016) *Fundamentals of brain network analysis*. Amsterdam: Elsevier/Academic Press.

Gazzaniga, M.S., Ivry, R.B. and Mangun, G.R. (2014) *Cognitive neuroscience: the biology of the mind*. Fourth edition. New York: Norton.

Heeger, D. (2007) *Signal Detection Theory*. Available at:
<http://www.cns.nyu.edu/~david/handouts/sdt/sdt.html>.

Huettel, S.A., Song, A.W. and McCarthy, G. (2014a) *Functional magnetic resonance imaging*. Third edition. Sunderland, Massachusetts: Sinauer Associates, Inc. Publishers.

Huettel, S.A., Song, A.W. and McCarthy, G. (2014b) *Functional magnetic resonance imaging*. Third edition. Sunderland, Massachusetts: Sinauer Associates, Inc. Publishers.

HUMAN BRAIN FUNCTION 2nd EDITION (no date a). Available at:
<https://www.fil.ion.ucl.ac.uk/spm/doc/books/hbf2/>.

HUMAN BRAIN FUNCTION 2nd EDITION (no date b). Available at:
<https://www.fil.ion.ucl.ac.uk/spm/doc/books/hbf2/>.

Introduction to fMRI | CUBIC Wiki (no date). Available at:
http://www.cubic.rhul.ac.uk/wiki/doku.php?id=fmri:fmri_intro.

Introduction to MRI Physics (no date). Available at:
http://www.simplyphysics.com/page2_1.html.

Introduction to Neuroimaging Methods | MRC-CBSU (no date). Available at:
<http://imaging.mrc-cbu.cam.ac.uk/methods/IntroductionNeuroimagingLectures>.

Jenkinson, M. and Chappell, M. (2018) Introduction to neuroimaging analysis. First edition. New York, NY: Oxford University Press.

Jezzard, P., Matthews, P.M. and Smith, S.M. (2001) Functional MRI: an introduction to methods. Oxford: Oxford University Press.

Kandel, E.R. (2013a) Principles of neural science. 5th Edition. New York: McGraw-Hill Medical Publishing Division.

Kandel, E.R. (2013b) Principles of neural science. 5th Edition. New York: McGraw-Hill Medical Publishing Division.

Kirchner, H. and Thorpe, S.J. (2006) 'Ultra-rapid object detection with saccadic eye movements: Visual processing speed revisited', *Vision Research*, 46(11), pp. 1762–1776. Available at: <https://doi.org/10.1016/j.visres.2005.10.002>.

Land, M.F. (2006) 'Eye movements and the control of actions in everyday life', *Progress in Retinal and Eye Research*, 25(3), pp. 296–324. Available at: <https://doi.org/10.1016/j.preteyeres.2006.01.002>.

Linux Beginner Tutorials | Linux.org (no date). Available at:
<https://www.linux.org/forums/linux-beginner-tutorials.123/>.

McRobbie, D.W. (2007a) MRI from picture to proton. 2nd ed. Cambridge: Cambridge University Press.

McRobbie, D.W. (2007b) MRI From Picture to Proton. 2nd ed. Cambridge: Cambridge University Press. Available at:
<https://ezproxy01.rhul.ac.uk/login?url=http://www.vlebooks.com/vleweb/product/openreader?id=Holloway&isbn=9781139132145&uid=^u>.

Morgan, M.J. (1990) 'Biases and Sensitivities in Geometrical Illusions', *Vision Research*, 30(11), pp. 1793–1810. Available at: [https://doi.org/10.1016/0042-6989\(90\)90160-M](https://doi.org/10.1016/0042-6989(90)90160-M).

MRI online course (Magnetic Resonance Imaging) (no date). Available at:
<https://www.imaios.com/en/e-Courses/e-MRI>.

Poldrack, R.A., Mumford, J.A. and Nichols, T.E. (2011) Handbook of Functional MRI Data Analysis. Cambridge: Cambridge University Press.

Pooley, R.A. (2005) 'Fundamental Physics of MR Imaging', *RadioGraphics*, 25(4), pp. 1087–1099. Available at: <https://doi.org/10.1148/rg.254055027>.

'Psychophysical Methods' (no date). Available at: <https://www.psych.nyu.edu/pelli/pubs/pelli2010methods.pdf>.

Questions and Answers

in MRI | Allen D. Elster (no date). Available at: <https://www.mriquestions.com/index.html>.

Roelofs, Ardi. (2003) 'Goal-referenced selection of verbal action: Modeling attentional control in the Stroop task.', *Psychological Review*, 110(1), pp. 88–125. Available at: <http://search.ebscohost.com/login.aspx?direct=true&db=pdh&AN=2002-08416-005&site=ehost-live>.

The Basics of MRI (no date). Available at: <http://www.cis.rit.edu/htbooks/mri/inside.htm>.

Ulmer, S., Backens, M. and Ahlhelm, F.J. (2016) Basic Principles and Clinical Applications of Magnetic Resonance Spectroscopy in Neuroradiology, *Journal of Computer Assisted Tomography*. Available at: <https://doi.org/10.1097/RCT.0000000000000322>.

Viallon, M. et al. (2015) 'State-of-the-art MRI techniques in neuroradiology: principles, pitfalls, and clinical applications', *Neuroradiology*, 57(5), pp. 441–467. Available at: <https://doi.org/10.1007/s00234-015-1500-1>.

Ward, J. (2015) *The student's guide to cognitive neuroscience*. Third edition. Hove: Psychology Press.

Wolpert, D.M. and Flanagan, J.R. (2001) 'Motor prediction', *Current Biology*, 11(18), pp. R729–R732. Available at: [https://doi.org/10.1016/S0960-9822\(01\)00432-8](https://doi.org/10.1016/S0960-9822(01)00432-8).