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HST.583 / 9.583 Functional Magnetic Resonance Imaging ...- R. B. Buxton,
Introduction To Functional Magnetic Resonance Imaging: Principles And Techniques,
2nd Ed., Cambridge University Press, 2009. - F. G. Ashby, Statistical Analysis Of
fMRI Data, MIT Press, 2011. - Todd Vanderah And Douglas 2th, 2024
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