Topics not to be prepared for the exam

Lecture	*Topics excluded*
04 Convolutional Neural Networks	• History (p. 10 – 16) • Dilated Convolutions (p. 98) • Training Deep CNNs (p. 99 – 115)
05 RNNs	• Proof of vanishing gradients with upper bound (p. 61 – 63) • Slides marked as ‘offline’ • p. 101 – 118
07 Representation Learning	• p. 88 - 137
09 Generative Models	• BETA-VAE & S-VAE (p. 27 – 29) • Variations of GANs (p. 46 – 54) • Fair comparisons, Cycle GANs (p. 58 – 69)
10 Planning	• POMDPs (p. 35 – 36) • Dynamic Programming with asynchronous backups (p. 46 – 50)
13 Policy Gradients	• Compatibility Theorem (p. 24 – 25) • Natural Policy Gradient (p. 33 – 34) • Further Directions (p. 37 – 40)
14 Knowledge Graphs	• p. 37 - 50