参考文献

[1] 酒田英夫：記憶は脳のどこにあるのか, 岩波書店 (1987).

[2] 塚原仲晃：脳の可塑性と記憶, 紀伊國屋書店 (1987).

[3] Sakai, K. and Miyashita, Y. : "Neural organization for the long-term memory or paired association", *Nature*, vol. 354, pp. 152–155 (1991).

[4] Naya, Y., Yoshida, M. and Miyashita, Y. : "Backward spreading of memory-retrieval signal in the primate temporal cortex", *Science*, vol. 291, pp. 661–664 (2001).

[5] Naya, Y., Sakai, K. and Miyashita, Y. : "Activity of primate inferotemporal neurons related to a sought target in pair-association task", *Proc. Natl. Acad. Sci. USA*, vol. 93, pp. 2664–2669 (1996).

[6] Hopfield, J.J. : "Neural networks and physical systems with emergent collective computational abilities", *Proc. Natl. Acad. Sci. USA*, vol. 79, pp. 2554–2558 (1982).

[7] 森田昌彦："側頭葉短期記憶力学系の神経回路モデル", 電子情報通信学会論文誌 (D-II), vol. J74-D-II, no. 1, pp. 54–63 (1991).

[8] Griniasty, M., Tsodyks, M.V. and Amit, D.J. : "Conversion of temporal correlations between stimuli to spatial correlations beween attractors", *Neural Computaion*, vol. 5, pp. 1–17 (1993).

[9] Amit, D.J. and Fuji, S. : "Paradigmatic working memory (attractor) cell in IT cortex", *Neural Computation*, vol. 9, pp. 1071–1092 (1997).

[10] Miyashita, Y. and Chang, H.S. : "Neuronal correlate of pictorial short-term memory in the primate temporal cortex", *Nature*, vol. 331, pp. 68–70 (1988).

[11] Miyashita, Y. : "Neuronal correlate of visual associative long-term memory in the primate temporal cortex", *Nature*, vol. 335, pp. 817–820 (1988).

[12] Morita, M. : "Memory and learning of sequential patterns by nonmonotone neural networks", *Neural Networks*, vol. 9, no. 8, pp. 1477–1489 (1996).

[13] 森田昌彦, 吉澤修治, 中野馨 : "自己相関連想記憶の想起過程とその改良" 電子情報通信学会論文誌 (D-II), vol. J73-D-II, no. 2, pp. 232–242 (1990).

[14] Morita, M. : "Associative memory with nonmonotone dynamics", *Neural Networks*, vol. 6, pp. 115–126 (1993).

[15] 森田昌彦 : "非単調ダイナミクスを用いた時系列パターンの連想記憶", 電子情報通信学会論文誌 (D-II), vol. J78-D-II, no. 4, pp. 678–688 (1995).

[16] 森田昌彦 : "連想記憶の神経回路モデル. 脳とニューラルネット (甘利俊一, 酒田英夫 編)", 朝倉書店, pp. 127–142 (1994).

[17] Morita, M. : "Computational study on the neural mechanism of sequential pattern memory", *Cognitive Brain Research*, vol. 5, pp. 137–146 (1996).

[18] 森田昌彦 : "学習・記憶の神経回路モデル. 脳と計算論 (外山敬介, 杉江昇 編)", 朝倉書店, pp. 54–69 (1997).

[19] Suemitsu, A. and Morita, M. : "A neural network model of pair-association memory in the inferotemporal cortex", *Proc. ICONIP-99-Perth*, vol. 2, pp. 790–794 (1999).

[20] Suemitsu, A. and Morita, M. : "A model of memory formation in the pair-association task", *Proc. ICONIP-2000-Taejon*, vol. 2, pp. 915–919 (2000).

[21] 末光厚夫, 森田昌彦 : "下側頭葉における対連合記憶の神経回路モデル", 電子情報通信学会論文誌 (D-II), vol. J84-D-II, no. 4, pp. 718–727 (2001).

[22] 森田昌彦, 末光厚夫 : "対連合記憶の神経回路モデル", 神経研究の進歩, vol. 45, no. 2, pp. 317–326 (2001).

[23] Morita, M. and Suemitsu, A. : "Computational modeling of pair-association memory in inferior temporal cortex", *Cognitive Brain Research*, vol. 13, pp. 169–178 (2002).

[24] Miller, E.K., Li, L. and Desimone, R. : "Activity of neurons in anterior inferior temporal cortex during a short-term memory task", *J. Neuroscience*, vol. 13, pp. 1460-1478 (1993).

[25] Miller, E.K. and Desimone, R. : "Parallel neuronal mechanisms for short-term memory", *Science*, vol. 263, pp. 520-522 (1994).

[26] Eichenbaum, H., Otto, Y. and Cohen, N.J. : "Two functional components of the hippocampal memory system", *Behav. Brain Science*, vol. 17, pp. 449–517 (1994).

[27] Murray, E.A., Gaffan, D. and Mishkin, M. : "Neural substrates of visual stimulus-stimulus association in rhesus monkeys", *J. Neuroscience*, vol. 13, pp. 4549–4561 (1993).

[28] Miyashita, Y., Okuno, H., Tokuyama, W., Ihara, T. and Nakajima, K. : "Feedback signal from medial temporal lobe mediates visual associative mnemonic codes of inferotemporal neurons", *Cognitive Brain Research*, vol. 5, pp. 81–86 (1996).

[29] Higuchi, S. and Miyashita, Y. : "Formation of mnemonic neural response to visual paired associates in inferotemporal cortex is impaired by perirhinal and entorhinal lesions", *Proc. Natl. Acad. Sci. USA*, vol. 93, pp. 739–743 (1996).

[30] Rainer, G., Rao, S.C. and Miller, E.K. : "Prospective coding for objects in primate prefrontal cortex", *J. Neuroscience*, vol. 19, pp. 5493–5505 (1999).

[31] Suemitsu, A., Morokami, S., Murata,K. and Morita, M. : "Computational examination on the dynamics of recall activity in the inferior temporal cortex", *Proc. IJCNN-2002-Honolulu*, vol. 1, pp. 136–141 (2002).

[32] 末光厚夫, 諸上茂光, 森田昌彦 : "下側頭葉ニューロンの想起活動に関する計算論的考察", 日本神経回路学会誌, vol. 9, no. 3, pp. 174–180 (2002).

[33] 森田昌彦, 松沢浩平, 諸上茂光 : "非単調神経素子の選択的不感化を用いた文脈依存的連想モデル", 電子情報通信学会論文誌 (D-II), vol. J85-D-II, no. 10, pp. 1602–1612 (2002).

[34] Watanabe, M. : "Prefrontal unit activity during associative learning in the monkey", *Exp. Brain Research*, vol. 80, pp. 296–309 (1990).

[35] Hoshi, E., Shima, K. and Tanji, J. : "Task-dependent selectivity of movement-related neuronal activity in the primate prefrontal cortex", *J. Neurophysiology*, vol. 80, pp. 3392–3397 (1998).

[36] White, I.M. and Wise, S.P. : "Rule-dependent neuronal activity in the prefrontal cortex", *Exp. Brain Research*, vol. 126, pp. 315–335 (1999).

[37] 宮下保司 : "視覚再認記憶のニューロン機構", 神経研究の進歩, vol. 32, pp. 553–565 (1988).

[38] Erickson, C.A. and Desimone, R. : "Responses of macaque perirhinal neurons during and after visual stimulus association learning", *J. Neuroscience*, vol. 19, No. 23, pp. 10404–10416 (1999).

[39] Tokuyama, W., Okuno, H., Hashimoto, T., Li, Y.X. and Miyashita, Y. : BDNF upregulation during declarative memory formation in monkey inferior temporal cortex, *Nature Neuroscience*, vol. 3, pp. 1134–1142 (2000).

[40] Gutvikov, S.A., Ma, Y. and Gaffan, D. : "Temporo-frontal disconnection impairs visual-visual paired association learning but not configural learning in macaca monkeys", *Eur. J. Neuroscience*, vol. 9, pp. 1524–1529 (1997).

[41] Hasegawa, I., Fukushima, T., Ihara, T. and Miyashita, Y. : "Callosal window between prefrontal cortices: cognitive interaction to retrieve long-term memory", *Science*, vol. 281, pp. 814–818 (1998).

[42] Tomita, H., Ohbayashi, M., Nakahara, K., Hasegawa, I. and Miyashita, Y. : "Top-down signal from prefrontal cortex in executive control of memory retrieval", *Nature*, vol. 401, pp. 699–703 (1999).