# BCCN Library - Books to borrow

| Signatur | Author | Title | Edition | Editor |
|---|---|---|---|---|
| Apo-Cal-01-Vol 1 | Apostol, Tom M. | Calculus, One-Variable Calculus with an Introduction to Linear Algebra (Calculus) | 1967 | John Wiley and Sons |
| Apo-Cal-01-Vol 2 | Apostol, Tom M. | Calculus, Multi-Variable Calculus and Linear Algebra with Applications (Calculus) | 1969 | John Wiley and Sons |
| Apo-Cal-02-Vol 1 | Apostol, Tom M. | Calculus, One-Variable Calculus with an Introduction to Linear Algebra (Calculus) | 1967 | John Wiley and Sons |
| Apo-Cal-02-Vol 2 | Apostol, Tom M. | Calculus, Multi-Variable Calculus and Linear Algebra with Applications (Calculus) | 1969 | John Wiley and Sons |
| Arb-Bra-01 | Arbib, Michael A. | The Handbook of Brain Theory and Neural Networks | 2003 | MIT Press |
| Bea-Neu-01 | Bear, Connors, and Paradiso | Neuroscience, Exploring the Brain | 2001 | Lippincott Williams & Wilkins,US |
| Bea-Neu-02 | Bear, Connors, and Paradiso | Neuroscience, Exploring the Brain | 2001 | Lippincott Williams & Wilkins,US |
| Bea-Neu-03 | Bear, Connors, and Paradiso | Neuroscience, Exploring the Brain, 3rd. edition | 2007 | Lippincott Williams & Wilkins,US |
| Bea-Neu-04 | Bear, Connors, and Paradiso | Neuroscience, Exploring the Brain, 3rd. edition | 2007 | Lippincott Williams & Wilkins,US |
| Bea-Neu-05 | Bear, Connors, and Paradiso | Neuroscience, Exploring the Brain, 3rd. edition | 2007 | Lippincott Williams & Wilkins,US |
| Bea-Neu-06 | Bear, Connors, and Paradiso | Neuroscience, Exploring the Brain, 3rd. edition | 2007 | Lippincott Williams & Wilkins,US |
| Bea-Neu-07 | Bear, Connors, and Paradiso | Neuroscience, Exploring the Brain, 3rd. edition | 2007 | Lippincott Williams & Wilkins,US |
| Bis-Pat-01 | Bishop, M. | Pattern Recognition and Machine Learning | 2006 | Springer, Science + Business Media, Inc. |
| Bis-Pat-02 | Bishop, M. | Pattern Recognition and Machine Learning | 2006 | Springer, Science + Business Media, Inc. |
| Bis-Pat-03 | Bishop, M. | Pattern Recognition and Machine Learning | 2006 | Springer, Science + Business Media, Inc. |
| Bis-Pat-04 | Bishop, M. | Pattern Recognition and Machine Learning | 2006 | Springer, Science + Business Media, Inc. |
| Bis-Pat-05 | Bishop, M. | Pattern Recognition and Machine Learning | 2009 | Springer, Science + Business Media, Inc. |
| Bis-Pat-06 | Bishop, M. | Pattern Recognition and Machine Learning | 2009 | Springer, Science + Business Media, Inc. |
| Coh-Mat-01 | Cohen, M.X. | Matlab for Brain and Cognitive Scientists | 2017 | The MIT press |
| Cow-Pro-01 | Cowell, Robert G.; Dawid, A. Ph. and Lauritzen, Steffen L. | Probabilistic Networks and Expert Systems | 1999 | Springer Verlag New York, Inc. |
| Day-The-01 | Dayan, Peter and Abbott, L. F. | Theoretical Neuroscience - Computational and Mathematical Modeling of Neural Systems | 2005 | The MIT Press |
| Day-The-02 | Dayan, Peter and Abbott, L. F. | Theoretical Neuroscience - Computational and Mathematical Modeling of Neural Systems | 2005 | The MIT Press |
| Day-The-03 | Dayan, Peter and Abbott, L. F. | Theoretical Neuroscience - Computational and Mathematical Modeling of Neural Systems | 2005 | The MIT Press |

| | | | | |
|---|---|---|---|---|
| Day-The-04 | Dayan, Peter and Abbott, L. F. | Theoretical Neuroscience - Computational and Mathematical Modeling of Neural Systems | 2005 | The MIT Press |
| Day-The-05 | Dayan, Peter and Abbott, L. F. | Theoretical Neuroscience - Computational and Mathematical Modeling of Neural Systems | 2005 | The MIT Press |
| Day-The-06 | Dayan, Peter and Abbott, L. F. | Theoretical Neuroscience - Computational and Mathematical Modeling of Neural Systems | 2005 | The MIT Press |
| Day-The-07 | Dayan, Peter and Abbott, L. F. | Theoretical Neuroscience - Computational and Mathematical Modeling of Neural Systems | 2005 | The MIT Press |
| Day-The-08 | Dayan, Peter and Abbott, L. F. | Theoretical Neuroscience - Computational and Mathematical Modeling of Neural Systems | 2005 | The MIT Press |
| Day-The-09 | Dayan, Peter and Abbott, L. F. | Theoretical Neuroscience - Computational and Mathematical Modeling of Neural Systems | 2005 | The MIT Press |
| Day-The-10 | Dayan, Peter and Abbott, L. F. | Theoretical Neuroscience - Computational and Mathematical Modeling of Neural Systems | 2005 | The MIT Press |
| Dud-Pat-01 | Duda, Richard O.; Hart,Peter E. and Stork, David G. | Pattern Classification | 2000 | Wiley & Sons |
| Gaz-Cog-01 | Gazzaniga, M., Ivry, R.B., and Mangun, G.R. | Cognitive Neuroscience: The Biology of the Mind | 2009 | W.W. Norton & Company Ltd. |
| Gaz-Cog_02 | Gazzaniga, Michael | Cognitive Neuroscience: The Biology of the Mind | 2014 | W.W. Norton & Company Ltd. |
| Gaz-Cog_03 | Gazzaniga, Michael | Cognitive Neuroscience: The Biology of the Mind | 2014 | W.W. Norton & Company Ltd. |
| Gaz-The-01 | Gazzaniga, Michael | The new cognitive neurosciences | 2000 | MIT Press |
| Gaz-The-02 | Gazzaniga, Michael | The new cognitive neurosciences | 2000 | MIT Press |
| Gre-Sig-01 | Green, David Marvin and Swets, John A. | Signal Detection Theory and Psychophysics | 1988 | Peninsula Publishing, Los Altos |
| Hay-Neu-01 | Haykin, Simon | Neural Networks: A Comprehensive Foundation | 1999 | Prentice Hall, Inc. |
| Hay-Neu-02 | Haykin, Simon | Neural Networks: A Comprehensive Foundation | 1999 | Prentice Hall, Inc. |
| Hay-Neu-03 | Haykin, Simon | Neural Networks: A Comprehensive Foundation | 1999 | Prentice Hall, Inc. |
| Hay-Neu-04 | Haykin, Simon | Neural Networks: A Comprehensive Foundation | 1999 | Prentice Hall, Inc. |
| Hay-Neu-05 | Haykin, Simon | Neural Networks: A Comprehensive Foundation | 1999 | Prentice Hall, Inc. |
| Hay-Neu-06 | Haykin, Simon | Neural Networks: A Comprehensive Foundation | 1999 | Prentice Hall, Inc. |
| Hay-Neu-07 | Haykin, Simon | Neural Networks: A Comprehensive Foundation | 1999 | Prentice Hall, Inc. |
| Hay-Neu-08 | Haykin, Simon | Neural Networks: A Comprehensive Foundation | 1999 | Prentice Hall, Inc. |
| Hil-Ion-01 | Hille, Bertil | Ionic Channels of excitable membranes | 2001 | Sinauer Associates Inc.,U.S. |
| Izh-Dyn-01 | Izhikevich, Eugene M. | Dynamical Systems in Neuroscience - The Geometry of Excitability and Bursting | 2007 | The MIT Press |
| Izh-Dyn-01 | Izhikevich, Eugene M. | Dynamical Systems in Neuroscience - The Geometry of Excitability and Bursting | 2007 | The MIT Press |
| Jez-Fun-01 | Jezzard, Matthews, Smith | Functional MRI, an introduction to methods | 2001 | Oxford University Press |
| Joh-Fou-01 | Johnston, Daniel and Wu, Samuel Maio-Sin | Foundation of Cellular Neurophysiology | 1995 | MIT Press |

| | | | | |
|---|---|---|---|---|
| Joh-Fou-02 | Johnston, Daniel and Wu, Samuel Maio-Sin | Foundation of Cellular Neurophysiology | 1995 | MIT Press |
| Kan-Pri-01 | Kandel, Eric R.; Schwartz, James H. und Jessell, Thomas M. | Principles of Neural Science | 2000 | Mcgraw-Hill Professional |
| Kan-Pri-02 | Kandel, Eric R.; Schwartz, James H. und Jessell, Thomas M. | Principles of Neural Science | 2000 | Mcgraw-Hill Professional |
| Kay-Fun-01 Vol 1 | Kay, Steven M. | Fundamentals of Statistical Processing, Volume I: Estimation Theory | 1993 | Prentice-Hall |
| Kay-Fun-01 Vol 2 | Kay, Steven M. | Fundamentals of Statistical Processing, Volume II: Detection Theory | 1998 | Prentice-Hall |
| Kay-Fun-02 Vol 1 | Kay, Steven M. | Fundamentals of Statistical Processing, Volume I: Estimation Theory | 1993 | Prentice-Hall |
| Kay-Fun-02 Vol 2 | Kay, Steven M. | Fundamentals of Statistical Processing, Volume II: Detection Theory | 1998 | Prentice-Hall |
| Koc-Bio-01 | Koch, Christof | Biophysics of Computation: Information Processing in Single Neurons | 1999 | Oxford University Press |
| Koc-Met-01 | Koch, Christof and Segev, Idan | Methods in Neuronal Modeling | 1998 | MIT Press |
| Koc-Met-02 | Koch, Christof and Segev, Idan | Methods in Neuronal Modeling | 1998 | MIT Press |
| Koc-Met-03 | Koch, Christof and Segev, Idan | Methods in Neuronal Modeling | 1998 | MIT Press |
| Koc-Met-04 | Koch, Christof and Segev, Idan | Methods in Neuronal Modeling | 1998 | MIT Press |
| Lan-Com-01 | Landy, Michael S. and Movshon, J. Anthony | Computational Models of Visual Processing | 1991 | The MIT Press |
| Mac-Inf-01 | MacKay, David J.C. | Information Theory, Inference, and Learning Algorithms | 2003 | Cambridge University Press |
| Mer-Int-01 | Merkel, Reinhard, G.Boer, J.Fegert, T.Galert, D. Hartmann, B. Nuttin, and S. Rosahl | Intervening in the Brain, Changing Psyche and Society | 2007 | Springer, Berlin |
| Nic-Fro-01 | Nicholls, John G.; Martin, A. R. and Wallace, Bruce G. | From Neuron to Brain | 2001 | Sinauer Associates Inc.,U.S. |
| Nie-Ele-01 | Niedermeyer, Ernst and Lopes Da Silva, Fernando | Electroencephalography: Basic Principles, Clinical Applications, and Related Fields | 2005 | Lippincott Williams & Wilkins,US |
| Pan-Tex-01 | Panksepp, Jaak | Textbook of Biological Psychiatry | 2004 | Wiley-Liss, Inc. |
| Pit-Pro-01 | Pitman, Jim | Probability | 2006 | Springer Science + Business Media |
| Pit-Pro-02 | Pitman, Jim | Probability | 2006 | Springer Science + Business Media |
| Rie-Spi-01 | Rieke, F., Warland, D., de Ruyter van Steveninck, R., and Bialek, W. | Spikes: Exploring the Neural Code | 1999 | MIT Press |
| Rud-Rea-01 | Rudin, Walter | Real and Complex Analysis. Mathematics Series | 1987 | McGraw-Hill Book Co., Singapore |
| Rud-Rea-02 | Rudin, Walter | Real and Complex Analysis. Mathematics Series | 1987 | McGraw-Hill Book Co., Singapore |
| Rus-Art-01 | Russell, Stuart J. and Norvig, Peter | Artificial Intelligence: A Modern Approach | 2003 | Prentice Hall International |
| Rus-Art-02 | Russell, Stuart J. and Norvig, Peter | Artificial Intelligence: A Modern Approach | 2003 | Prentice Hall International |
| Sch-Lea-01 | Scholkopf, Bernhard and Smola, Alexander J. | Learning with Kernels: Support Vector Machines, Regularization, Optimization, and Beyond (Adaptive Computation and Machine Learning) | 2002 | The MIT Press |

| Sch-Lea-02 | Scholkopf, Bernhard and Smola, Alexander J. | Learning with Kernels: Support Vector Machines, Regularization, Optimization, and Beyond (Adaptive Computation and Machine Learning) | 2002 | The MIT Press |
|---|---|---|---|---|
| Vap-Sta-01 | Vapnik, Vladimir N. | Statistical Learning Theory | 1998 | Wiley & Sons |
| vDr-Sig-01 | van Drongelen, Wim | Signal Processing for Neuroscientists. An Introduction to the Analysis of Physiological Signals | 2007 | Elsevier, Inc. |
| vHe-23P-01 | van Hemmen, Leo and Sejnowski, Terry J. | 23 Problems in Systems Neuroscience | 2006 | Oxford University Press |
| vHe-23P-02 | van Hemmen, Leo and Sejnowski, Terry J. | 23 Problems in Systems Neuroscience | 2006 | Oxford University Press |
| Wan-Fou-01 | Wandell, Brian A. | Foundations of Vision: Behavior, Neuroscience and Computation | 1995 | Sinauer Associates Inc.,U.S. |
| Was-All-01 | Wassermann, Larry | All of Statistics. A Concise Course in Statistical Inference | 2004 | Springer, Science + Business Media, Inc. |
| Was-All-02 | Wassermann, Larry | All of Statistics. A Concise Course in Statistical Inference | 2004 | Springer, Science + Business Media, Inc. |
| Wic-Ele-01 | Wickens, Thomas D. | Elementary Signal Detection Theory | 2001 | Oxford University Press |

**"Red Books" can be borrowed only for 7 days**