

11. Dua, S., Iyengar, S. (2017). **Managing Spatio-Temporal Data**, in Handbook of Data Structures, In Sartaj Sahni, Dinesh Mehta (Ed.), CRC Press (2nd Edition)
10. S. Dua, P. Chowriappa, “**Characterizing Dynamic Group Behavior in Social Networks for Cybernetics**” in Data Analysis for Network Cyber-Security, 2014. pp. 105-128, ISBN: 978-1-78326-374-5.
09. Chowriappa, P., Dua, S., Todorov, Y. **Introduction to Machine Learning in Healthcare Informatics**, Machine Learning in Healthcare Informatics. Springer, 2013.
08. Du, X., Dua, S. (In Press) **Feature Extraction Methods in Biomedical Signaling and Imaging**, in Data Mining in Biomedical Signaling and Imaging. New York: CRC Press, 2011, 22 pp. ISBN: 9781439839386.
07. Du, X., Dua, S. (In Press) **Supervised and Unsupervised Learning Methods in Biomedical Signaling and Imaging**, in Data Mining in Biomedical Signaling and Imaging. New York: CRC Press, 2011, 24 pp. ISBN: 9781439839386.
06. Singh, H., Dua, S. (In Press) **Supervised Classification of Mammograms**, in Data Mining in Biomedical Signaling and Imaging. New York: CRC Press, 2011, 33 pp. ISBN: 9781439839386.
05. Dessauer, M., Dua, S. (In Press) **Computational Methods for Feature Detection in Optical Images**, in Computational Analysis of the Human Eye with Applications. Singapore: World Scientific Press, 2011, 48 pp. ISBN: 9789814340298.
04. Acharya, R., Faust, O., Jia Hong, S., Yang, T., Lai, P., Choo, K., and Dua, S. (In Press) **Computer Aided Diagnosis of Diabetic Retinopathy Stages Using Digital Fundus Images**. World Scientific Press: Computational Analysis of the Human Eye with Applications.
03. Dua, S., Jain, M. (In Press) **Computational Decision Support Systems and Diagnostic**

**Tools in Ophthalmology: A Schematic Survey** . World Scientific Press: Computational Analysis of the Human Eye with Applications.

**02. Singh, H., Dua, S. Supervised Classification of Mammograms using Association Rules. World Scientific Press: Performance Evaluation of Breast Imaging and Tumour Analysis** , American Scientific Publishers.

**01. Dua, S., Iyengar, S. (2004). In Sartaj Sahni, Dinesh Mehta (Ed.), Managing Spatio-Temporal Data** . CRC Press.