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Created by **Giles**, **Bollaker**, **Lawrence** in "97 at **NEC Research Institute**

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… in robotics:

Conferences: IROS, ACC, INFOCOM, RSS, Robosoft, ICRA

Journals : Advances in Robotics and Automation, Journal of Behavioral Robotics, Journal of Automation, Mobile Robotics and Intelligent Systems, International Journal of Imaging and Robotics, Transactions on Systems and Control, Studies in Information and Control

Articles & books: *Introduction to Robotics: Mechanics and Control* by John Craig, *Handbook of Robotics* by Bruno Siciliano & Oussama Khatib, *Robotics Modelling, Planning and Control* by Bruno Siciliano, *Probabilistic Robotics* by Sebastian Thrun, *Modern Control Theory* by William Brogan, *Modern Robotics Mechanics, Planning, and Control* bz Kevin M. Lynch and Frank C. Park,

... in ai/ml:

Conferences: AAAI, ICML, SIGKDD, NeurIPS, ACL, ICLR

Journals : Journal of Information and Organizational Sciences, Mining Science, International Journal of Artificial Intelligence, Transactions on Machine Learning and Artificial Intelligence, Information Fusion, International Journal of Intelligent Systems

Articles & books: *The Elements of Statistical Learning* by Trevor Hastie, *Artificial Intelligence: A Modern Approach* by Stuart J. Russell and Peter Norvig, *Hands-on Machine Learning with Scikit-Learn and Tensorflow* by Aurelien Geron, *Pattern Recognition and Machine Learning* by Christopher M. Bishop, *Machine Learning: A Probabilistic Perspective* by Kevin Murphy,*Deep Learning* by Ian Goodfellow

... in pattern recognition / cv:

Conferences: CVPR, ICCV, ECCV, ACMMM, ICIP, ICPR

Journals : Journal on Image and Video Processing, International Journal of Advances in Signal and Image Sciences, Advances in Image and Video Processing, IEEE Transactions on Pattern Analysis and Machine Intelligence, IEEE Geoscience and Remote Sensing Magazine, Medical Image Analysis

Articles & books: *Computer Vision: Algorithms and Applications* by Richard Szeliski, *Computer Vision: Models, Learning, and Inference* by Simon Prince, *Concise Computer Vision* by Klette, *Computer Vision: A Modern Approach* by David Forsyth and Jean Ponce, *Deep Residual Learning for Image Recognition* by ResNet, *ImageNet Classification with Deep Convolutional Neural Networks* by AlexNet

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- **WorldCat:** OPAC search engine.
- **ResearchGate:** A social network for european scientists.
- **Google Scholar:** Google's take for finding scientific and academic articles, books, journals and magazines.
- **Jurn:** Enhancement of Google Scholar by a handpicked selection.
- **Wolfram Alpha:** Knowledge engine, containing infos about all kinds of subjects.
- **OpenGrey:** Collects bibliographical references to research, dissertations and conference papers mainly produced in europe