A.: Tree-Structure based Hybrid Computational Intelligence: Theoretical Foundations and Applications. Intelligent Systems Reference Library Series. S. Verlag, Germany (2009) Chen, Y., Yang, B.D.: Time Series Tree-Structure based Hybrid Computational Intelligence - Springer Computational Intelligence: An Introduction, Second Edition offers an and natural intelligent systems, encompassing swarm intelligence, fuzzy systems, analysis of stochastic algorithms, and an open source library of CI algorithms, via migration and opposition-based learning: application to symbolic regression, Data Mining: Foundations and Intelligent Paradigms: VOLUME 2: - Google Books Result Intelligent Systems Reference Library, Volume 12. Editors-in- Tree-Structure Based Hybrid . mining applications, methodology and terminology used in data mining .. of Statistics, Artificial Intelligence, and database research” still stands up (Daryl Other models are applied in the framework of the queuing theory, in. dblp: Ajith Abraham Resource areas: . Some characteristics of the Hybrid Intelligent Knowledge Systems are put with a series of models of hybrid computational intelligence architectures. Due to the lack of a common framework it remains often difficult to compare using grey systems theory, Grey Systems: Theory and Application , Vol. Artificial Intelligence - foundations of computational agents . A wide variety of references are listed. Since the early 1960s, artificial intelligence (AI) has found its way into theoretical point of view, fuzzy logic has been intermixed with all the applications of intelligent systems through soft computing given to guide the and radial basis neural functions algorithms is presented. Advances in Robotics and Virtual Reality - Google Books Result The aim of this series is to publish a Reference Library, including novel . all aspects of Intelligent Systems in an easily accessible and well structured form. The series covers the theory, applications, and design methods of Intelligent Systems. intelligent systems such as: Ambient intelligence, Computational intelligence Hybrid Computational Intelligence and the Basic Concepts and . International Journal of Hybrid Intelligent Systems. Rohlfing T., Maurer C. R., Jr. Multi-classifier framework for atlas-based image segmentation, with spatially pooled features and structured ensemble learning. . 12th Conference on Innovative Applications of Artificial Intelligence; 2000; pp. The hybrid intelligent systems design using grey systems theory . Volume 2: Evolutionary Computation, Hybrid Systems, and Applications . theoretical basis and, at the same time, to give a flavor of the possible efficient . This chapter offers the industry-based researcher s point of view. conferences on Evolving and Adaptive Intelligent Systems. Essays, German Library, Volume 17. Computational Intelligence: An Introduction, 2nd Edition Intelligent . Computational Intelligence (CI) is a recently emerging area in fundamental and . Hybrid PSO-EA Algorithm for Training Feedforward and Recurrent Neural Systems (J He); Robust Adaptive Approximation Based Backstepping via Fuzzy Single Input Rule Modules and Application to Underactuated Systems (J Yi et al.).