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""2.1. Service Oriented Architectures""""2.2. Middleware and Service Provisioning Platforms""; ""2.2.1. The Osgi Framework""; ""3. Intelligent Service Management""; ""3.1. Web Services""; ""3.2. Semantics: Services""; ""3.3. Semantics: Ontologies""; ""4. D-SOR. Enhancing the Osgi Framework""; ""4.1. SOR: The Semantic Osgi Service Registry""; ""4.2. Sor Basic Behaviour""; ""4.3. Distributed Concepts for the SOR Architecture. D-SOR""; ""4.3.1. Sor Information Agent""; ""4.3.2. Sor Internal Agent""; ""4.3.3. Sor Invocation Agent""; ""5. Applying D-SOR: A Practical Case""; ""6. Conclusion""

""References""""ARCHITECTURE OF EMBEDDED TUNABLE CIRCULARMICROSTRIP ANTENNA""; ""1. Introduction""; ""Embedded Tunable Antenna!""; ""2. Background""; ""3. Characteristics of Varactor Diode""; ""4. Antenna Analysis""; ""5. Programmable Microcontroller Based Antenna System""; ""6. Evaluation of Accuracy in Analytical Formulation""; ""7. Development of Adaptive Antenna System with a ComputerInterface""; ""7.1. System Description""; ""7.2. Design of the Interface Circuit""; ""7.3. Experimental Results""; ""8. Compact and Programmable Disc Antenna""; ""9. Conclusion""; ""References""

""A NEW DEVELOPMENT ENVIRONMENTFOR EMBEDDED CONTROL SYSTEMS DESIGNAND INTERACTIVE OPTIMIZATIONMETHODOLOGIES FOR ROBUST CALIBRATIONOF AUTOMOTIVE ENGINES""""Abstract""; ""Introduction""; ""F.I.R.E. Tool Context Use""; ""Functional View""; ""Implementation View""; ""Re-Usability View""; ""F.I.R.E. Tool Objectives and Main Functionalities""; ""F.I.R.E. Blockset""; ""Implementation Aspects""; ""Examples of F.I.R.E. Applications""; ""Basic Engine Calibration Objectives""; ""General Purpose Calibration Tools""; ""Continuous Multivariable Non-linear Regression Mode""; ""Discrete Regression Model""
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