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| Sl.No | Project Title | Year |
|  | **Cloud Computing** |  |
|  |  |  |
| 1 | DeyPoS Deduplicatable Dynamic Proof of Storage for Multi-User Environments | 2016 |
| 2 | Identity-Based Proxy-Oriented Data Uploading and Remote Data Integrity Checking in Public Cloud | 2016 |
| 3 | Publicly Verifiable Inner Product Evaluation over Outsourced Data Streams under Multiple Keys | 2016 |
| 4 | Providing User Security Guarantees in Public Infrastructure Clouds | 2016 |
| 5 | EPAS: A Sampling Based Similarity Identification Algorithm for the Cloud | 2016 |
| 6 | Dynamic and Public Auditing with Fair Arbitration for Cloud Data | 2016 |
| 7 | An Efficient Privacy-Preserving Ranked Keyword Search Method | 2016 |
| 8 | Dynamic and Fault-Tolerant Clustering for Scientific Workflows | 2016 |
| 9 | Secure Data Sharing in Cloud Computing Using Revocable-Storage Identity-Based Encryption  | 2016 |
| 10 | Malware Detection in Cloud Computing Infrastructures | 2016 |
| 11 | Enabling Cloud Storage Auditing with Verifiable Outsourcing of Key Updates | 2016 |
| 12 | Dynamic-Hash-Table Based Public Auditing for Secure Cloud Storage | 2016 |
| 13 | Identity-Based Encryption with Cloud Revocation Authority and Its Applications | 2016 |
| 14 | Fine Grained Two Factor Access Control for Web Based Cloud Computing Services | 2016 |
| 15 | Protecting Your Right: Attribute-based Keyword Search with Fine-grained Owner-enforced Search Authorization in the Cloud | 2016 |
| 16 | Secure Optimization Computation Outsourcing in Cloud Computing: A Case Study of Linear Programming | 2016 |
| 17 | Diplo Cloud: Efficient and Scalable Management of RDF Data in the Cloud | 2016 |
| 18 | CDA Generation and Integration for Health Information Exchange Based on Cloud Computing System | 2016 |
| 19 | Cloud workflow scheduling with deadlines and time slot availability | 2016 |
| 20 | Conditional Identity-based Broadcast Proxy Re-Encryption and Its Application to Cloud Email | 2016 |
| 21 | A Secure and Dynamic Multi-keyword Ranked Search Scheme over Encrypted Cloud Data | 2016 |
| 22 | A Secure Anti-Collusion Data Sharing Scheme for Dynamic Groups in the Cloud | 2016 |
| 23 | CD Store: Toward Reliable, Secure, and Cost-Efficient Cloud Storage via Convergent Dispersal | 2016 |
| 24 | Circuit Cipher text-policy Attribute-based Hybrid Encryption with Verifiable Delegation in Cloud Computing | 2016 |
| 25 | Cloud Armor Supporting Reputation-based Trust Management for Cloud Services | 2016 |
| 26 | Privacy Preserving Ranked Multi Keyword Search for Multiple Data Owners in Cloud Computing | 2016 |
| 27 | Reducing Fragmentation for In line De duplication Backup Storage via Exploiting Backup History and Cache Knowledge | 2016 |
| 28 | TMACS: A Robust and Verifiable Threshold Multi-Authority Access Control System in Public Cloud Storage | 2016 |
| 29 | An Efficient File Hierarchy Attribute Based Encryption Scheme in Cloud Computing | 2016 |
| 30 | Conjunctive Keyword Search With Designated Tester and Timing Enabled Proxy Re-Encryption Function for E-Health Clouds | 2016 |
| 31 | Dual Server Public Key Encryption With Keyword Search for Secure Cloud Storage | 2016 |
| 32 | Real-Time Semantic Search Using Approximate Methodology for Large Scale Storage Systems | 2016 |
| 33 | Geometric Range Search on Encrypted Spatial Data | 2016 |
| 34 | Enabling Fine-grained Multi-keyword Search Supporting Classified Sub dictionaries over Encrypted Cloud Data | 2016 |
| 35 | Reducing Fragmentation for In-line De duplication Backup Storage via Exploiting Backup History and Cache Knowledge | 2016 |
| 36 | SecRBAC: Secure data in the Clouds | 2016 |
| 37 | KSF-OABE: Outsourced Attribute-Based Encryption with Keyword Search Function for Cloud Storage | 2016 |
| 38 | Read2Me: A Cloud- based Reading Aid for the Visually Impaired | 2016 |
| 39 | Attribute-Based Data Sharing Scheme Revisited in Cloud Computing | 2016 |
| 40 | Prioritization of Overflow Tasks to Improve Performance of Mobile Cloud | 2016 |
| 41 | A Privacy Preserving Outsourced Functional Computation Framework Across Large-Scale Multiple Encrypted Domains | 2016 |
| 42 | A Modified Hierarchical Attribute-Based Encryption Access Control Method for Mobile Cloud Computing | 2016 |
| 43 | Two Factor Data Security Protection Mechanism for Cloud Storage System | 2016 |
| 44 | PHE: An Efficient Traitor Tracing and Revocation for Encrypted File Syncing-and-Sharing in Cloud | 2016 |
| 45 | Leveraging Data De duplication to Improve the Performance of Primary Storage Systems in the Cloud | 2016 |
| 46 | Optimizing cost for online social networks on geo-distributed clouds | 2016 |
| 47 | Flexible and Fine-Grained Attribute-Based Data Storage in Cloud Computing | 2016 |
| 48 | TTSA An Effective Scheduling Approach for Delay Bounded Tasks in Hybrid Clouds | 2016 |
| 49 | Encrypted Data Management with Deduplication in Cloud Computing | 2016 |
| 50 | Enabling Personalized Search over Encrypted Outsourced Data with Efficiency Improvement | 2016 |
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|  | **Network Security & Secure Computing** |  |
|  |  |  |
| 1 | Mitigating Denial of Service Attacks in OLSR Protocol Using Fictitious Nodes | 2016 |
| 2 | Trust Agent-Based Behavior Induction in Social Networks | 2016 |
| 3 | Shadow Attacks based on Password Reuses: A Quantitative Empirical Analysis | 2016 |
| 4 | Measuring the Influence of Perceived Cybercrime Risk on Online Service Avoidance | 2016 |
| 5 | Secure Transmission Against Pilot Spoofing Attack: A Two-Way Training-Based Scheme | 2016 |
| 6 | Secure Reversible Image Data Hiding over Encrypted Domain via Key Modulation | 2016 |
| 7 | Hierarchical and Shared Access Control | 2016 |
| 8 | Hidden Cipher text Policy Attribute Based Encryption under Standard Assumptions | 2016 |
| 9 | GeTrust: A guarantee-based trust model in Chord-based P2P networks | 2016 |
| 10 | FRoDO: Fraud Resilient Device for Off-line micro-payments | 2016 |
| 11 | Formal Verification of the xDAuth Protocol | 2016 |
| 12 | Fast Detection of Transformed Data Leaks | 2016 |
| 13 | Privacy-Preserving Outsourced Association Rule Mining on Vertically Partitioned Databases | 2016 |
| 14 | Inference Attack on Browsing History of Twitter Users using Public Click Analytics and Twitter Metadata | 2016 |
| 15 | Data Lineage in Malicious Environments | 2016 |
| 16 | ID2S Password Authenticated key exchange protocol | 2016 |
| 17 | Cyber bullying Detection based on Semantic-Enhanced Marginalized Denoising Auto-Encoder | 2016 |
| 18 | Profiling Online Social Behaviors for Compromised Account Detection | 2016 |
| 19 | Optimized Search-and-Compute Circuits and Their Application to Query Evaluation on Encrypted Data | 2016 |
| 20 | Privacy-Preserving Utility Verification of the Data Published by Non-interactive Differentially Private Mechanisms | 2016 |
| 21 | Detecting and Removing Web Application Vulnerabilities with Static Analysis and Data Mining | 2016 |
| 22 | Distributed Secret Sharing Approach with Cheater Prevention based on QR Code | 2016 |
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|  | **Data Mining** |  |
|  |  |  |
| 1 | Adaptive Processing for Distributed Skyline Queries over Uncertain Data | 2016 |
| 2 | Cold-Start Recommendation with Provable Guarantees: A Decoupled Approach | 2016 |
| 3 | Incremental Semi-Supervised Clustering Ensemble for High Dimensional Data Clustering | 2016 |
| 4 | Quantifying Political Leaning from Tweets, Re tweets, and Re tweeters | 2016 |
| 5 | RSkNN: kNN Search on Road Networks by Incorporating Social Influence | 2016 |
| 6 | Cross-Domain Sentiment Classification Using Sentiment Sensitive Embeddings | 2016 |
| 7 | A Novel Recommendation Model Regularized with User Trust and Item Ratings | 2016 |
| 8 | Automatically Mining Facets for Queries from Their Search Results | 2016 |
| 9 | Booster in High Dimensional Data Classification | 2016 |
| 10 | Connecting Social Media to E-Commerce Cold-Start Product Recommendation Using Micro blogging Information | 2016 |
| 11 | Crowd sourcing for Top-K Query Processing over Uncertain Data | 2016 |
| 12 | Efficient Cache-Supported Path Planning on Roads | 2016 |
| 13 | Efficient R-Tree Based Indexing Scheme for Server-Centric Cloud Storage System | 2016 |
| 14 | Inverted Linear Quad tree: Efficient Top K Spatial Keyword Search | 2016 |
| 15 | kNNVWC An Efficient k-Nearest Neighbors Approach Based on Various-Widths Clustering | 2016 |
| 16 | Location Aware Keyword Query Suggestion Based on Document Proximity | 2016 |
| 17 | Mining User-Aware Rare Sequential Topic Patterns in Document Streams | 2016 |
| 18 | Nearest Keyword Set Search in Multi-Dimensional Datasets | 2016 |
| 19 | Practical Approximate k Nearest Neighbor Queries with Location and Query Privacy | 2016 |
| 20 | Sentiment Embeddings with Applications to Sentiment Analysis | 2016 |
| 21 | Top-Down XML Keyword Query Processing | 2016 |
| 22 | Topic Sketch Real-time Bursty Topic Detection from Twitter | 2016 |
| 23  | Top-k Dominating Queries on Incomplete Data |  |
| 24  | Trust-but-Verify: Verifying Result Correctness of Outsourced Frequent Item set Mining in Data-mining-as-a-service Paradigm | 2016 |
| 25 | Quality-Aware Sub graph Matching Over Inconsistent Probabilistic Graph Databases | 2016 |
| 26 | Understanding Short Texts through Semantic Enrichment and Hashing | 2016 |
| 27 | Cross-Platform Identification of Anonymous Identical Users in Multiple Social Media Networks | 2016 |
| 28 | Explicit Minimum Storage Regenerating Codes | 2016 |
| 29 | Private Over-threshold Aggregation Protocols over Distributed Datasets | 2016 |
| 30 | MAVE: Multilevel wrApper Verification systEm | 2016 |
| 31 | Personalized travel sequence recommendation on multi score Big social media | 2016 |
| 32 | A Mixed Generative-Discriminative Based Hashing Method | 2016 |
| 33 | Text mining to the contributors to rail accidents | 2016 |
| 34 | User-Service Rating Prediction by Exploring Social Users' Rating Behaviors | 2016 |
| 35 | Building an intrusion detection system using a filter-based feature selection algorithm | 2016 |
| 36 | Domain-Sensitive Recommendation with User-Item Subgroup Analysis | 2016 |
| 37 | Efficient Algorithms for Mining Top-K High Utility Item sets | 2016 |
| 38 | Using Hash tag Graph-Based Topic Model to Connect Semantically-Related Words Without Co-Occurrence in Micro blogs | 2016 |
| 39 | Relevance Feedback Algorithms Inspired By Quantum Detection | 2016 |
| 40 | A Comprehensive Study on Willingness Maximization for Social Activity Planning with Quality Guarantee | 2016 |
| 41 | A Review of Relational Machine Learning for Knowledge Graphs | 2016 |
| 42 | Resolving Multi-party Privacy Conflicts in Social Media | 2016 |
| 43 | NATERGM: A Model for Examining the Role of Nodal Attributes in Dynamic Social Media Networks | 2016 |
| 44 | Crawling Hidden Objects with kNN Queries | 2016 |
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|  | **Mobile Computing** |  |
|  |  |  |
| 1 | Service Usage Classification with Encrypted Internet Traffic in Mobile Messaging Apps | 2016 |
| 2 | Filtering of Brand-related Microblogs using Social-Smooth Multiview Embedding | 2016 |
| 3 | Distributed and Fair Beaconing Congestion Control Schemes for Vehicular Networks | 2016 |
| 4 | Secure Overlay Routing Using Key Pre-Distribution A Linear Distance Optimization Approach | 2016 |
| 5 | Towards Information Diffusion in Mobile Social Networks | 2016 |
| 6 | Design and Analysis of an Efficient Friend-to-Friend Content Dissemination System | 2016 |
| 7 | Covering the Sensitive Subjects to Protect Personal Privacy in Personalized Recommendation | 2016 |
| 8 | DaGCM A Current Data Uploading framework for mobile data gathering in wireless sensor networks | 2016 |
| 9 | Traffic De correlation Techniques for Countering a Global Eavesdropper in WSNs | 2016 |
| 10 | WORAL A Witness Oriented Secure Location Provenance Framework for Mobile Devices | 2016 |
| 11 | EPLQ: Efficient Privacy-Preserving Location-Based Query Over Outsourced Encrypted Data | 2016 |
| 12 | Detecting Node Failures in Mobile Wireless Networks: A Probabilistic Approach | 2016 |
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|  | **Wireless Sensor Networks** |  |
|  |  |  |
| 1 | Active Trust Secure and Trustable Routing in Wireless Sensor Networks | 2016 |
| 2 | Energy and Memory Efficient Clone Detection in Wireless Sensor Networks | 2016 |
| 3 | Toward Proper Guard Zones for Link Signature | 2016 |
| 4 | Fair Routing for Overlapped Cooperative Heterogeneous Wireless Sensor Networks | 2016 |
| 5 | PKC-Based DoS Attacks-Resistant Scheme in Wireless Sensor Networks | 2016 |
| 6 | Cluster-Based Routing for the Mobile Sink in Wireless Sensor Networks With Obstacle | 2016 |
| 7 | CANS Towards Congestion-Adaptive and Small Stretch Emergency Navigation with WSNs  | 2016 |
| 8 | NACRP A Connectivity Protocol for Star Topology Wireless Sensor Networks | 2016 |
| 9 | DaGCM A Concurrent Data Uploading Framework for Mobile Data Gathering in Wireless Sensor Networks | 2016 |
| 10 | iPath Path Inference in Wireless Sensor Networks | 2016  |
| 11 | Adaptive and Channel-Aware Detection of Selective Forwarding Attacks in Wireless Sensor Networks | **2016** |
| 12 | Reliable and Efficient Data Acquisition in wsn in the Presence of Transfaulty Nodes | 2016 |
| 13 | Dynamic Cluster Head Selection Method for Wireless Sensor Network | 2016 |
| 14 | Duplicate Detectable Opportunistic Forwarding in Duty-Cycled Wireless Sensor Network | 2016 |
| 15 | Towards Distributed Optimal Movement Strategy for Data Gathering in Wireless Sensor Networks | 2016 |
| 16 | Location aware sensor routing protocol for mobile wireless sensor networks | 2016 |
| 17 | Mobile Coordinated Wireless Sensor Network An Energy Efficient Scheme for Real Time Transmission | 2016 |
| 18 | Maximum data collection rate in rechargeable wireless sensor networks with multiple sinks | 2016 |
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|  | **Android Projects** |  |
|  |  |  |
| 1 | STAMP: Enabling Privacy-Preserving Location Proofs for Mobile Users  | 2016 |
| 2 | WORAL A Witness Oriented Secure Location Provenance Framework for Mobile Devices.  | 2016 |
| 3 | MADAM: Effective and Efficient Behavior-based Android Malware Detection and Prevention.  | 2016 |
| 4 | Authentication of Smartphone Users Using Behavioral Biometrics | 2016 |
| 5 | Droid Detector: Android malware characterization and detection using deep learning | 2016 |
| 6 | EPLQ: Efficient Privacy-Preserving Location-Based Query Over Outsourced Encrypted Data | 2016 |
| 7 | A Shoulder Surfing Resistant Graphical Authentication System | 2016 |
| 8 | Pass BY OP Bring Your Own Picture for Securing Graphical Passwords | 2016 |
| 9 | Privacy Preserving Location Sharing Services for Social Networks | 2016 |
| 10 | SBVLC: Secure barcode-based visible light communication for smart phones | 2016 |
| 11 | SenSpeed: Sensing Driving Conditions to Estimate Vehicle Speed in Urban Environments | 2016 |
| 12 | ALTERDROID: Differential Fault Analysis of Obfuscated Smartphone Malware | 2016 |
| 13 | Towards Information Diffusion in Mobile Social Networks | 2016 |
| 14 | Understanding Smartphone Sensor and App Data for Enhancing the Security of Secret Questions | 2016 |
| 15 | Designing a Secure Exam Management System (SEMS) for M-Learning Environments | 2016 |
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|  | **Adhoc Networks & VANET & MANET** |  |
|  |  |  |
| 1 | Opportunistic Routing With Congestion Diversity in Wireless Ad Hoc Networks | 2016 |
| 2 | Top-k Query Processing and Malicious Node Identification Based on Node Grouping in MANETs | 2016 |
| 3 | Energy Efficiency Optimization for Mobile Ad Hoc Networks | 2016 |
| 4 | Mitigating Denial of Service Attacks in OLSR Protocol Using Fictitious Nodes  | 2016 |
| 5 |  | 2016 |
| 6 |  | 2016 |
| 7 |  | 2016 |
| 8 |  | 2016 |
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|  | **Networking and Service Computing, Dependable and Secure Computing** |  |
|  |  |  |
| 1 | A Shoulder Surfing Resistant Graphical Authentication System | 2016 |
| 2 | Achieving Flatness: Selecting the Honey words from Existing User Passwords | 2016 |
| 3 | A Stable Approach for Routing Queries in Unstructured P2P Networks | 2016 |
| 4 | Spatial Reusability-Aware Routing in Multi-Hop Wireless Networks | 2016 |
| 5 | STAMP: Enabling Privacy-Preserving Location Proofs for Mobile Users | 2016 |
| 6 | FRoDO Fraud Resilient Device for Off-Line Micro-Payments | 2016 |
| 7 | Profiling Online Social Behaviors for Compromised Account Detection | 2016 |
| 8 | Data Lineage in Malicious Environments | 2016 |
| 9 | Detecting Malicious Face book Applications | 2016 |
| 10 | Group Key Agreement with Local Connectivity | 2016 |
| 11 | ID2S Password-Authenticated Key Exchange Protocols | 2016 |
| 12 | Mitigating Cross-Site Scripting Attacks with a Content Security Policy | **2016** |
| 13 | Fast and Scalable Range Query Processing With Strong Privacy Protection for Cloud Computing | **2016** |
| 14 | Graph Regularized Feature Selection with Data Reconstruction | **2016** |
| 15 | Secure Multi-Attribute One-to-Many Bilateral Negotiation Framework for E-Commerce | **2016** |
| 16 | Dynamic-Hash-Table Based Public Auditing for Secure Cloud Storage | **2016** |
| 17 | Efficient Certificate less Access Control for Wireless Body Area networks | **2016** |
| 18 | Finding non equivalent classifiers in Boolean space to reduce TCAM Usage | **2016** |
| 19 | Geographic and opportunistic routing for underwater sensor networks | **2016** |
| 20 | Optimizing cost for online social networks on geo-distributed clouds | **2016** |
| 21 | Secure and Efficient Data Communication Protocol for Wireless Body Area Networks | **2016** |
| 22 | Personalizing Sample Databases With Facebook Information to Increase Intrinsic Motivation | **2016** |
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|  | **Image Processing and Multimedia** |  |
|  |  |  |
| 1 | A Scalable Approach for Content-Based Image Retrieval in Peer-to-Peer Networks | 2016 |
| 2  | Online Multi-Modal Distance Metric Learning with Application to Image Retrieval | 2016 |
| 3 | Secure Reversible Image Data Hiding over Encrypted Domain via Key Modulation | 2016 |
| 4 | Social Friend Recommendation Based on Multiple Network Correlation | 2016 |
| 5 | User-Service Rating Prediction by Exploring Social Users’ Rating Behaviors | 2016 |
| 6 | A Locality Sensitive Low-Rank Model for Image Tag Completion | 2016 |
| 7 | Pass BY OP Bring Your Own Picture for Securing Graphical Passwords | 2016 |
| 8 | Reversible Data Hiding in Encrypted Images by Reversible Image Transformation | 2016 |
| 9 | Tag Based Image Search by Social Re-ranking | 2016 |
| 10 | Semantic Discriminative Metric Learning for Image Similarity Measurement | 2016 |
| 11 | Semantic Concept Co-occurrence Patterns for Image Annotation and Retrieval | 2016 |
| 12 | Multi-Modal Event Topic Model for Social Event Analysis | 2016 |
| 13 | Learning from Weak and Noisy Labels for Semantic Segmentation | 2016 |
| 14 | Content Adaptive Steganography by Minimizing Statistical Detectability | 2016 |
| 15 | Securing SIFT: Privacy-Preserving Outsourcing Computation of Feature Extractions Over Encrypted Image Data | 2016 |
| 16 | Learning of Multimodal Representations With Random Walks on the Click Graph | 2016 |
| 17 | Web Image Search Re-ranking with Click-based Similarity and Typicality | 2016 |
| 18 | Enhancing Sketch-Based Image Retrieval by Re-Ranking and Relevance Feedback | 2016 |
| 19 | Filtering of Brand-related Microblogs using Social-Smooth Multiview Embedding | 2016 |
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|  | **Parallel and Distributed System** |  |
|  |  |  |
| 1 | A Hop-by-Hop Routing Mechanism for Green Internet | 2016 |
| 2 | POST Exploiting Dynamic Sociality for Mobile Advertising in Vehicular Networks | 2016 |
| 3 | The Server Provisioning Problem for Continuous Distributed Interactive Applications | 2016 |
| 4 | Authenticated Key Exchange Protocols for Parallel Network File Systems | 2016 |
| 5 | Real-time Semantic Search using Approximate Methodology for Large-scale Storage Systems | 2016 |
| 6 | A Secure and Dynamic Multi-keyword Ranked Search Scheme over Encrypted Cloud Data | 2016 |
| 7 | An Efficient Privacy-Preserving Ranked Keyword Search Method | 2016 |
| 8 | Real-Time Semantic Search Using Approximate Methodology for Large-Scale Storage Systems | 2016 |
| 9 | Dictionary Based Secure Provenance Compression for Wireless Sensor Networks | 2016 |
| 10 | The Server Provisioning Problem for Continuous Distributed Interactive Applications | 2016 |
| 11 | Contributory Broadcast Encryption with Efficient Encryption and Short Cipher texts | 2016 |
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|  | **Service Computing,Computers,IOT** |  |
|  |  |  |
| 1 | Privacy Preserving Location Sharing Services for Social Networks | 2016 |
| 2 | Contributory Broadcast Encryption with Efficient Encryption and Short Cipher texts | 2016 |
| 3 | EPLQ: Efficient Privacy-Preserving Location-Based Query Over Outsourced Encrypted Data | 2016 |
| 4 | Mitigating Cross Site Scripting Attacks with a Content Security Policy | 2016 |
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|  | **Software Engineering** |  |
| 1 | Mapping Bug Reports to Relevant Files A Ranking Model, a Fine-Grained Benchmark, and Feature Evaluation | 2016 |
| 2 | Metamorphic Testing for Software Quality Assessment A Study of Search Engines | 2016 |
| 3 | SITAR GUI Test Script Repair |  |
| 4 | Answering Approximate queries Over XML Data |  |