

components. They describe the composition, i.e., the systems design, and the underlying properties of components as a Constraint Satisfaction Problem (CSP) and perform the verification by solving that problem.

In the seventh paper by Lifford McLauchlan, Soumya Saha, Claudio Montiel and Rajab Chaloo is entitled “Comparative Study of Various Wireless Sensor Network (WSN) Topology Construction Protocols”. The authors propose two new load balancing TC protocols, SWST (Simple Weighted Spanning Tree), EAST (Energy Aware Spanning Tree) as well as three well known TC protocols, Simple Tree, Random Nearest Neighbor Tree (Random NNT) and Euclidean Minimum Spanning Tree (Euclidian MST), are studied using MATLAB and TC protocols such as A3 (A tree), A3 Coverage, Connected Dominating Set under Rule K (CDS Rule K), Energy Efficient Connected Dominating Set (EECDs), Simple Tree and K Neighbor (KNeigh) Tree, are simulated using Atarraya. Comparisons are performed between many of the TC protocols.

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