

## LIST OF ABBREVIATIONS

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### Abbreviations Definition

ATS	Averaging Time Synchronization
ATSP	Averaging Time Synchronization Pairwise
CCS	Consensus Clock Synchronization
CSNI	Clock Skew Based Node Identification
CTS	Consensus Time Synchronization
CWA	Centralized Weight Assignment
DCO	Digitally Controlled Oscillator
DoS	Denial of Service
FTCCS	Finite-Time Consensus Based Clock Synchronization
FTSP	Flooding Time Synchronization Protocol
FWA	Fixed Weight Assignment
GPS	Global Positioning System
GSEr	Global Synchronization Error Rate
ILC-MSR	Iterative Learning Control-Based Mean Subsequence Reduced
IoT	Internet of Things
LE	Largest Eigen Value
MST	Maximum Time Synchronization
MWA	Mobile Weight Assignment
MMAR-CTS	Message Manipulation Attack Resilient CTS
NiSTS	Node Identification Based Secure Time Synchronization
NTP	Network Time Protocol
PBS	Pairwise Broadcast Synchronization
PPS	Pulse Per-Second
PTP	Precision Time Protocol
RBS	Reference Broadcast Synchronization
RFA	Reachback Firefly Algorithm
RTC	Real-Time Clock
RTSP	Robust and Secure Time Synchronization Protocol
SATS	Selective Averaging Time Synchronization SSCA
SMTS	Secure Maximum Time Synchronization
SSE	Second-Smallest Eigen Value
SSCA	Secure Synchronous Consensus Algorithm
TPSN	Time-Sync Protocol for Sensor Network
WMTS	Weighted Maximum Time Synchronization
WSN	Wireless Sensor Networks