# MIT SEAri Acronym List

| Acronym | Meaning |
|---------|---------|
| **Constructs** | |
| c-DSM | Coupled Dependency/Design Structure Matrix |
| ESM | Engineering Systems Matrix |
| SoS | System of System |
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| **Organization** | |
| ESD | Engineering Systems Division |
| SEAri | Systems Engineering Advancement Research Initiative |
| LAI | Lean Advancement Initiative |
| R-STARS | Resource-effective Socio-Technical Architecting of Systems |
| V-STARS | Value-driven Socio-Technical Architecting of Systems |
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| **Projects** | |
| A-TOS | A-iteration Terrestrial Observer Swarm |
| B-TOS | B-iteration Terrestrial Observer Swarm |
| C-TOS | C-iteration Terrestrial Observer Satellite |
| X-TOS | X-iteration Terrestrial Observer System |
| MAV | Micro Air Vehicle |
| ORS | Operationally Responsive Space |
| SBR | Space-based Radar |
| SDB | Small-diameter Bomb |
| SRS | Satellite Radar System |
| TPF | Terrestrial Planet Finder |
| UAV | Unmanned Aerial Vehicle |
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| **Process** | |
| COSYSMO | COonstructive SYStems engineering cost MOdel |
| DSM | Dependency/Design Structure Matrix |
| GINA | Generalized Information Network Analysis |
| ICE | Integrated Concurrent Engineering |
| LEP | Lottery Equivalent Probability |
| MATE | Multi-Attribute Tradespace Exploration |
| MATE-CON | MATE with Concurrent Design |
| MAUA | Multi-Attribute Utility Analysis |
| MAUF | Multi-Attribute Utility Function |
| MIST | Multi-Attribute Interview Software Tool |
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| **Variables** | |
| DM | Decision Maker |
| DV | Design Variable |
| MOE | Measure of Effectiveness |
| TPM | Technical Performance Measure |
| X | Attribute |
| U | Utility |