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<th>Society Transaction</th>
<th>Scope</th>
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| **Transactions A (Fundamentals and Materials)**         | (Common Interests)  
Education and Research  
Electromagnetic Theory  
Electromagnetic Environment  
Instrument and Measurement  
Light Applications and Visual Science  
History of Electrical Engineering  
(Fundamentals)  
Discharges and Plasma  
Pulsed Power | (Materials)  
Dielectric Materials  
Electrical, Electronics, and Insulating Materials  
Metals and Ceramics  
Magnetics |
| **Transactions B (Power and Energy)**                   | (Power System)  
Power System Planning and Operation  
Power System Control  
Power System Analysis and Simulation  
Power System Protection  
Power System monitoring and Control  
Energy System | (Energy Conversion and Transmission)  
Transmission and Distribution Lines and Cables  
Transmission and Distribution Apparatus, Insulators  
Switchgear and Protective Devices, Lightning Protection, Arc Phenomena  
Substation Apparatus and Devices  
Superconducting Devices  
High Voltage, Lightning and Surge  
Energy Conversion and Storage Other Power System Apparatus |
| **Transactions C (Electronics, Information and Systems)** | (Electronics)  
Electronic Materials and Devices  
Optics, Quantum Electronics  
Electrical and Electronic Circuit, LSI  
Information and Communication Technology  
Biomedical Engineering | (Information and Systems Engineering)  
Systems, Instrument, Control Intelligence, Robotics  
Media Information, User Interface  
Speech and Image Processing, Recognition  
Softcomputing, Learning  
Information System, Electronic Commerce  
Information Processing, Software  
Energy, Environment and Sustainability  
(Common Interests)  
IoT, AI, Big data |
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| **Transactions D (Industry Applications)** | (Power Electronics)  
Power Semiconductor Devices and their Application  
Power Converter and Control Circuit Topology  
Power Supply  
Electric Machine Control  
Reactive Power Compensation and Harmonic Reduction  
Metal and General Industry  
(Industrial System)  
Industrial Instrument and Control  
Production Facility Control  
Information Oriented Industrial System  
Public Facilities  
Automobile Technology  
ITS Technology  
(Electrical Machinery and Apparatus)  
Rotating Machine  
Rotating Machine Characteristic  
Linear Drives  
Magnetic Levitation and Magnetic Bearing  
Static Apparatus  
Superconductive Application  
Electric Railway |
| **Transactions E (Sensors and Micromachines)** | (Fundamental technology)  
Design, Analysis, Simulation  
Materials for sensors and actuators  
Material evaluation, Device evaluation  
Fabrication technologies  
Packaging and assembling technologies  
(Microsystem)  
Actuators  
Optical micro/nanosystems  
RF MEMS  
Power MEMS  
NEMS  
Wearable devices  
Plasmon, Metamaterials  
(Microsensor)  
Mechanical sensors  
Temperature sensors, humidity sensors  
Optical sensors, Radiation sensors  
Electric sensors, Magnetic sensors  
Resonant sensors  
New principle sensors  
Extreme environment sensors  
(Physical sensor)  
Gas sensors  
Ion sensors  
Bio-sensors  
Taste sensor, Odor/smell sensor, Kansei sensor  
Micro chemical sensors  
Chemical sensor systems  
Chemometrics, Signal processing  
Gustatory display, Olfactory display  
(Chemical sensor)  
Gas sensors  
Ion sensors  
Bio-sensors  
Taste sensor, Odor/smell sensor, Kansei sensor  
Micro chemical sensors  
Chemical sensor systems  
Chemometrics, Signal processing  
Gustatory display, Olfactory display  |
| **Transactions F (Information Oriented Industrial System)** | (Sensor system)  
Sensing systems  
Sensing algorithms  
Sensor network  
Integrated MEMS devices  
Signal processing, drive circuit in devices  
IoT (Internet of Things)  
AI (Artificial Intelligence)  
Infrastructure monitoring  
Sensors for robots and mobilities  
(Bio micro system)  
Bio MEMS  
MicroTAS  
Lab on a chip  
Medical microsystem  
Microfluidics  
Biochemical microdevices  
Microfabrication process of biomaterials  
Nanobiodevices  
Healthcare devices  |
| TEEE (IEEJ Transactions on Electrical and Electronic Engineering) | Covering all fields from Transaction A to E described above. |