

## JNST Editorial Board Subject Classification Table

Revised July 2005

Category	Code	Specific Field	Category	Code	Specific Field			
1	General Issues	101	7	Operational Management of Reactor, Nuclear Safety Engineering	701	Operational Management, Inspection and Maintenance of Reactor		
		102			702	Design of Nuclear Power Station, Aseismatic Design		
		103			703	Construction and Examination of Nuclear Power Station		
		104			704	Nuclear Safety Engineering, Nuclear Installation Safety, PSA		
		105			8	Nuclear Materials and Nuclear Fuels	801	Nuclear Materials(Vessel, Piping, Fuel, Core Structure, Functional)
		106					802	Strength, Deformation, Fracture of Nuclear Materials
		107					803	Corrosion and Environmentally Assisted Cracking (EAC)
2	Radiation, Accelerator and Beam Technologies	201	8	Nuclear Materials and Nuclear Fuels	804	Radiation Damage Effects on Nuclear Materials		
		202			805	Fabrication and Development of Nuclear Materials		
		203			806	Properties of Nuclear Materials		
		204			807	Properties of Nuclear Fuel Materials		
		205			808	Solid State Chemistry of Actinide Compounds as Nuclear Fuels		
		206			809	Thermodynamics of Nuclear Fuel Materials		
		207			810	High Temperature Chemistry of Nuclear Fuel Materials		
		208			811	Irradiation Behavior and Characteristics of Nuclear Fuel Materials		
		209			812	Fabrication of Nuclear Fuels		
		210			813	Irradiation Technique and Post-Irradiation Test		
		211			9	Reactor Chemistry, Radiochemistry, Fuel Reprocessing, Safeguards Technology	901	Reactor Chemistry, Radiation Chemistry, Corrosion, Decontamination
301	902	Isotope Separation, Application of Isotopes, Uranium Enrichment						
302	903	Nuclear Chemistry, Radiochemistry, Analytical Chemistry, Chemistry of Actinide Elements						
303	904	Fuel Reprocessing						
304	905	Accountancy, Safeguards Technology						
305	10	Radioactive Waste Management	1001	Radioactive Waste Treatment				
306			1002	Radioactive Waste Disposal and Environment				
307			1003	Decommissioning and Dismantling				
4	Reactor Instrumentation and Control, Human-Machine System	401	11	Fusion Energy Engineering	1101	Plasma Engineering, including Inertial Confinement Fusion		
		402			1102	Fusion Reactor Materials and Fuels, Breeding Materials		
		403			1103	Reactor Component Technology, First Wall, Divertor, Magnet		
		404			1104	Fusion Neutronics		
5	Remote Control, Reactor Components	501	11	Fusion Energy Engineering	1105	Fusion Reactor Safety including Biological Effects		
		502			1106	Fusion Reactor System, Design, Application		
		503			12	Health Physics and Environmental Science	1201	Medical and Biological Application of Radiation, Nuclear Medicine, Biological Effects
601	1202	Radiation and Radioactivity Measurement, Radiation Dosimetry						
602	1203	Radiation Control						
603	1204	Environmental Radioactivity						
604	1205	Radiation Dose and Environmental Safety Assessments including Meteorology and Global Environment						
605	1206	Philosophy and Standards for Radiation Protection						
606	6	Thermal Hydraulics	601	Thermal Hydraulic Experiment				
607			602	Thermal Hydraulic Analysis				
					603	Thermal Hydraulics and Design		
					604	Thermal Hydraulics of Single Phase Flow		
					605	Thermal Hydraulics of Two/Multi Phase Flow		
					606	Interactive Phenomena with Fluid		
					607	Measurement Technology of Thermal Hydraulics		

\*This table applies from 1st July 2005.\*