

# ASSOCIATE EDITORS IDENTIFIED WITH PACS CLASSIFICATION ITEMS

The Classification listed here is based on the Appendix to Section 43, "Acoustics," of the current edition of the Physics and Astronomy Classification Scheme (PACS) of the American Institute of Physics (AIP). The full and most current listing of PACS can be found at the internet site <<http://www.aip.org/pubservs/pacs.html>>. In the full PACS listing, all of the acoustics items are preceded by the primary classification number 43. The listing here omits the prefatory 43; a listing in the AIP document such as 43.10.Ce will appear here as 10.Ce.

The present version of the Classification scheme is intended as a guide to authors of manuscripts submitted to the *Journal* who are asked at the time of submission to suggest an Associate Editor who might handle the processing of their manuscript. Authors should note that they can also have their manuscripts processed from any of the special standpoints of (i) Applied Acoustics, (ii) Computational Acoustics, (iii) Mathematical Acoustics, or (iv) Education in Acoustics, and that there are special Associate Editors who have the responsibility for processing manuscripts from each of these standpoints.

The initials which appear in brackets following most of the listings correspond to the names of persons on the Editorial Board (i.e., Associate Editors) who customarily edit material that falls within that classification. A listing of full names and institutional affiliations of members of the Editorial Board can be found on the back cover of each issue of the *Journal*. A more detailed listing can be found at the internet site <<http://asa.aip.org/jasa.html>>. The most current version of the present document can also be found at that site.

[05]	<b>Acoustical Society of America</b>	20.Gp	Reflection, refraction, diffraction, interference, and scattering of elastic [PEB], [DF], [LPF] and poroelastic [RAS], [JJM] waves	[28]	<b>Aeroacoustics and atmospheric sound</b>
05.Bp	Constitution and bylaws [EM]			28.Bj	Mechanisms affecting sound propagation in air, sound speed in the air [VEO], [RR], [RMW], [ROC], [JWP]
05.Dr	History [ADP]			28.Dm	Infrasound and acoustic-gravity waves [VEO], [LCS], [RMW], [JWP]
05.Ft	Honorary members [EM]			28.En	Interaction of sound with ground surfaces, ground cover and topography, acoustic impedance of outdoor surfaces [VEO], [RMW], [JWP], [KVH]
05.Gv	Publications [ADP], ARLO [ADP], Echoes [TDR], ASA Web page [EM], electronic archives and references [RS]	20.Hq	Velocity and attenuation of acoustic waves [RR], [RAS], [OAS], [ROC]	28.Fp	Outdoor sound propagation through a stationary atmosphere, meteorological factors [VEO], [LCS], [RMW], [ROC], [JWP]
05.Hw	Meetings [EM]	20.Jr	Velocity and attenuation of elastic and poroelastic waves [JJM], [RAS], [PEB]	28.Gq	Outdoor sound propagation and scattering in a turbulent atmosphere, and in non-uniform flow fields [VEO], [JWP]
05.Ky	Members and membership lists, personal notes, fellows [EM]	20.Ks	Standing waves, resonance, normal modes [AJMD], [RMW], [SFW], [RR], [MCH]	28.Hr	Outdoor sound sources [LCS], [JWP]
05.Ma	Administrative committee activities [EM]	20.Mv	Waveguides, wave propagation in tubes and ducts [SFW], [LLT], [RR], [MCH]	28.Js	Numerical models for outdoor propagation [VEO], [RR], [JWP]
05.Nb	Technical committee activities; Technical Council [EM]	20.Px	Transient radiation and scattering [AJMD], [LLT], [SFW], [DSB]	28.Kt	Aerothermoacoustics and combustion acoustics [JWP], [AH]
05.Pc	Prizes, medals, and other awards [EM]	20.Rz	Steady-state radiation from sources, impedance, radiation patterns [SFW], [LLT], boundary element methods [SFW], [DSB], [MCH]	28.Lv	Statistical characteristics of sound fields and propagation parameters [VEO], [LCS], [JWP]
05.Re	Regional chapters [EM]			28.Mw	Shock and blast waves, sonic boom [RR], [LSC], [ROC], [JWP]
05.Sf	Obituaries [ADP]			28.Py	Interaction of fluid motion and sound. Doppler effect and sound in flow ducts [AH], [VEO], [JWP]
[10]	<b>General</b>			28.Ra	Generation of sound by fluid flow, aerodynamic sound, and turbulence, [JWP], [AH]
10.Ce	Conferences, lectures, and announcements (not of the Acoustical Society of America) [EM], [WGM]	20.Tb	Interaction of vibrating structures with surrounding medium [SFW], [RMW], [LLT], [DSB], [MCH]	28.Tc	Sound-in-air measurements, methods and instrumentation for location, navigation, altimetry, and sound ranging [LCS], [JWP], [KVH]
10.Df	Other acoustical societies and their publications [EM], [WGM]; online journals and other electronic publications [RS]	20.Wd	Analogies [ADP], [AH]	28.Vd	Measurement methods and instrumentation to determine or evaluate atmospheric parameters, winds, turbulence, temperatures, and pollutants in air [RR], [JWP]
10.Eg	Biographical, historical, and personal notes (not of the Acoustical Society of America) [EM]	20.Ye	Measurement methods and instrumentation [SFW], [EGW], [NX]	28.We	Measurement methods and instrumentation for remote sensing and for inverse problems [LCS], [VEO], [JWP], [AH]
10.Gi	Editorials [ADP], Forum [RS], [ADP]	[25]	<b>Nonlinear acoustics</b>	[30]	<b>Underwater sound</b>
10.Hj	Books and book reviews [PLM]	25.Ba	Parameters of nonlinearity of the medium [ROC], [OAS]	30.Bp	Normal mode propagation of sound in water [DRD], [WLS], [AIT], [JAC]
10.Jk	Bibliographies [EM], [ADP]	25.Cb	Macrosonic propagation, finite amplitude sound; shock waves [ROC], [OAS], [RR]	30.Cq	Ray propagation of sound in water [WLS], [JAC]
10.Km	Patents [DLR], [SAF]	25.Dc	Nonlinear acoustics of solids [ROC], [OAS]	30.Dr	Hybrid and asymptotic propagation theories, related experiments [WLS], [JAC]
10.Ln	Surveys and tutorial papers relating to acoustics research [ADP], tutorial papers on applied acoustics [AJZ]	25.Ed	Effect of nonlinearity on velocity and attenuation [ROS], [OAS]	30.Es	Velocity, attenuation, refraction, and diffraction in water, Doppler effect [DRD], [WLS], [JAC]
10.Mq	Tutorial papers of historical and philosophical nature [ADP], [TDR]	25.Fe	Effect of nonlinearity on acoustic surface waves [ROS], [OAS]	30.Ft	Volume scattering [JJM], [KGF], [DRD], [WLS], [RCG], [JAC]
10.Nq	News with relevance to acoustics [EM], nonacoustical theories of interest to acoustics [ADP]	25.Gf	Standing waves; resonance [ROC], [OAS]	30.Gv	Backscattering, echoes, and reverberation in water due to combinations of boundaries [SLB], [RAS], [KGF], [DSB], [RCG], [JAC]
10.Pr	Information technology, internet [RS]; nonacoustical devices of interest to acoustics [ADP], [AJZ]	25.Hg	Interaction of intense sound waves with noise [ROC], [OAS]		
10.Qs	Notes relating to acoustics as a profession [ADP], [TDR]	25.Jh	Reflection, refraction, interference, scattering, and diffraction of intense sound waves [ROC], [OAS]		
10.Sv	Education in acoustics, tutorial papers of interest to acoustics educators [TDR], [VWS]	25.Lj	Parametric arrays, interaction of sound with sound, virtual sources [ROC], [OAS], [WMC], [RMW]		
10.Vx	Errata [EM]	25.Nm	Acoustic streaming [ROC], [OAS], [RR], [RMW]		
[15]	<b>Standards</b> [SB], [PDS]	25.Qp	Radiation pressure [ROC], [OAS], [RMW]		
[20]	<b>General linear acoustics</b>	25.Rq	Solitons, chaos [ROC], [OAS]		
20.Bi	Mathematical theory of wave propagation [AMJD], [TDM], [JJM], [RMW], [WLS], [SFW], [DSB], [JAC], [OAS]	25.Ts	Nonlinear acoustical and dynamical systems [ROC], [OAS]		
20.Dk	Ray acoustics [RR], [WLS], [JAC]	25.Uv	Acoustic levitation [ROC], [OAS]		
20.El	Reflection, refraction, diffraction of acoustic waves [AMJD], [JJM], [RMW], [SFW], [WLS], [RR], [JAC], [OAS]	25.Vt	Intense sound sources [ROC], [OAS]		
20.Fn	Scattering of acoustic waves [RMW], [TDM], [LLT], [JJM], [SFW], [DSB], [JAC]	25.Yw	Nonlinear acoustics of bubbly liquids [AJJ], [WMC], [OAS], [ROC]		
		25.Zx	Measurement methods and instrumentation for nonlinear acoustics [ROC], [OAS]		

30.Hw	Rough interface scattering [SLB], [DRD] [RAS], [RCG], [JAC]	35.Sx	Acoustooptical effects, optoacoustics, acoustical visualization, acoustical microscopy, and acoustical holography [YHB], [RR]	40.Ng	Effects of vibration and shock on biological systems, including man [WA], [MCH]
30.Jx	Radiation from objects vibrating under water, acoustic and mechanical impedance [EGW], [SFW], [JGM], [DSB], [MCH], [JAC]	35.Ty	Other physical effects of sound [YHB], [AJS]	40.Ph	Seismology and geophysical prospecting; seismographs [RAS]
30.Ky	Structures and materials for absorbing sound in water; propagation in fluid-filled permeable material [JJM], [JAC]	35.Ud	Thermoacoustics, high temperature acoustics, photoacoustic effect [RR], [DRD]	40.Qi	Effect of sound on structures, fatigue; spatial statistics of structural vibration [RLW]
30.Lz	Underwater applications of nonlinear acoustics; explosions [WLS], [WMC], [JAC], [OAS], [ROC]	35.Vz	Chemical effects of ultrasound [RR]	40.Rj	Radiation from vibrating structures into fluid media [EGW], [SFW], [DSB], [MCH]
30.Ma	Acoustics of sediments; ice covers, viscoelastic media; seismic underwater acoustics [RAS], [WLS], [AIT], [WMC], [DSB], [RCG], [JAC]	35.Wa	Biological effects of ultrasound, ultrasonic tomography [TDM], [AJS], [FD], [CCC], [MCH], [DLM]	40.Sk	Inverse problems in structural acoustics and vibration [EGW], [JHG]
30.Nb	Noise in water; generation mechanisms and characteristics of the field [WMC], [RCG], [JAC]	35.Xd	Nuclear acoustical resonance, acoustical magnetic resonance [ADP]	40.Tm	Vibration isolators, attenuators, and dampers [JGM], [JHG]
30.Pc	Ocean parameter estimation by acoustical methods; remote sensing; imaging, inversion, acoustic tomography [AIT], [RCG], [JAC]	35.Yb	Ultrasonic instrumentation and measurement techniques [TDM], [YHB], [MCH], [ROC]	40.Vn	Active vibration control [KAC]
30.Qd	Global scale acoustics; ocean basin thermometry, transbasin acoustics [WLS], [JAC]	35.Zc	Use of ultrasonics in nondestructive testing, industrial processes, and industrial products [TDM], [YHB]	40.Yq	Instrumentation and techniques for tests and measurement relating to shock and vibration, including vibration pickups, indicators, and generators, mechanical impedance [ADP]
30.Re	Signal coherence or fluctuation to sound propagation/scattering in the ocean [SLB], [DRD], [WLS], [WMC], [RCG], [JAC]	[38]	<b>Transduction; acoustical devices for the generation and reproduction of sound</b>	[50]	<b>Noise: its effects and control</b>
30.Rf	Acoustical detection of marine life; passive and active [KGF], [MCH], [RCG], [JAC]	38.Ar	Transducing principles, materials, and structures: general [AJZ]	50.Ba	Noisiness: rating methods and criteria [BSF], [LCS]
30.Tg	Navigational instruments using underwater sound [WMC], [JAC]	38.Bs	Electrostatic transducers [AJZ]	50.Cb	Noise spectra, determination of sound power [BSF], [KVH]
30.Vh	Active sonar systems [WMC], [RCG], [JAC]	38.Ct	Magnetostrictive transducers [AJZ]	50.Ed	Noise generation [KVH]
30.Wi	Passive sonar systems and algorithms, matched field processing in underwater acoustics [AIT], [DRD], [WMC], [JAC]	38.Dv	Electromagnetic and electrodynamic transducers [AJZ]	50.Fe	Noise masking systems [BSF]
30.Xm	Underwater measurement and calibration instrumentation and procedures [WMC], [KGF], [JAC]	38.Ew	Feedback transducers [AJZ]	50.Gf	Noise control at source: redesign, application of absorptive materials and reactive elements, mufflers, noise silencers, noise barriers, and attenuators, etc. [AH], [KVH]
30.Yj	Transducers and transducer arrays for underwater sound; transducer calibration [RAS], [WMC], [JAC]	38.Fx	Piezoelectric and ferroelectric transducers [AJZ]	50.Hg	Noise control at the ear [BSF], [KVH]
30.Zk	Experimental modeling [WLS], [RCG]	38.Gy	Semiconductor transducers [AJZ]	50.Jh	Noise in buildings and general machinery noise [KVH]
[35]	<b>Ultrasonics, quantum acoustics, and physical effects of sound</b>	38.Hz	Transducer arrays, acoustic interaction effects in arrays [AJZ], [WMC]	50.Ki	Active noise control [KAC]
35.Ae	Ultrasonic velocity, dispersion, scattering, diffraction, and attenuation in gases [RR], [DSB], [ROC]	38.Ja	Loudspeakers and horns, practical sound sources [AJZ]	50.Lj	Transportation noise sources: air, road, rail, and marine vehicles [LCS], [KVH]
35.Bf	Ultrasonic velocity, dispersion, scattering, diffraction, and attenuation in liquids, liquid crystals, suspensions, and emulsions [RR], [YHB], [DSB]	38.Kb	Microphones and their calibration [AJZ]	50.Nm	Aerodynamic and jet noise [AH]
35.Cg	Ultrasonic velocity, dispersion, scattering, diffraction, and attenuation in solids; elastic constants [PEB], [YHB], [RLW], [DSB]	38.Lc	Amplifiers, attenuators, and audio controls [AJZ]	50.Pn	Impulse noise and noise due to impact [KVH]
35.Dh	Pretersonics (sound of frequency above $10^{10}$ GHz); Brillouin scattering [RLW], [YHB], [MCH]	38.Md	Sound recording and reproducing systems, general concepts [AJZ]	50.Qp	Effects of noise on man and society [BSF], [LCS]
35.Ei	Acoustic cavitation, vibration of gas bubbles in liquids [AJS], [ROC], [DLM]	38.Ne	Mechanical, optical, and photographic recording and reproducing systems [AJZ]	50.Rq	Environmental noise, measurement, analysis, statistical characteristics [BSF], [LCS]
35.Fj	Ultrasonic relaxation processes in gases, liquids, and solids [RR]	38.Pf	Hydroacoustic and hydraulic transducers [AJZ]	50.Sr	Community noise, noise zoning, by-laws, and legislation [BSF], [LCS]
35.Gk	Phonons in crystal lattices, quantum acoustics [RLW], [DF], [LPF]	38.Qg	Magnetic and electrostatic recording and reproducing systems [AJZ]	50.Vt	Topographical and meteorological factors in noise propagation [VEO]
35.Hl	Sonoluminescence [AJS], [RR]	38.Rh	Surface acoustic wave transducers [AJZ]	50.Yw	Instrumentation and techniques for noise measurement and analysis [KVH]
35.Kp	Plasma acoustics [ADP]	38.Si	Telephones, earphones, sound power telephones, and intercommunication systems [AJZ]		
35.Lq	Low-temperature acoustics, sound in liquid helium [ADP]	38.Tj	Public address systems, sound-reinforcement systems [AJZ]	[55]	<b>Architectural acoustics</b>
35.Mr	Acoustics of viscoelastic materials [PEB], [YHB], [MCH]	38.Vk	Stereophonic reproduction [AJZ]	55.Br	Room acoustics: theory and experiment; reverberation, normal modes, diffusion, transient and steady-state response [RLW], [NX], [DSB], [LMW]
35.Ns	Acoustical properties of thin films [AJS]	38.Wl	Broadcasting (radio and television) [AJZ]	55.Cs	Stationary response of rooms to noise; spatial statistics of room response; random testing [RLW], [NX], [LMW]
35.Pt	Surface waves in solids and liquids [PEB], [AJS]	38.Yn	Impulse transducers [AJZ]	55.Dt	Sound absorption in enclosures: theory and measurement; use of absorption in offices, commercial and domestic spaces [NX], [LMW]
35.Rw	Magnetoacoustic effect; oscillations and resonance [DF], [LPF]	38.Zp	Acoustooptic and photoacoustic transducers [YHB], [AJZ]	55.Ev	Sound absorption properties of materials: theory and measurement of sound absorption coefficients; acoustic impedance and admittance [NX], [MCH], [LMW]
		40.At	<b>Structural acoustics and vibration</b>	55.Fw	Auditorium and enclosure design [NX], [LMW]
		40.Cw	Experimental and theoretical studies of vibrating systems [JHG], [JGM], [DSB], [MCH]	55.Gx	Studies of existing auditoria and enclosures [NX], [LMW]
		40.Dx	Vibrations of strings, rods, and beams [DF], [LPF], [JGM], [JHG], [DSB]	55.Hy	Subjective effects in room acoustics, speech in rooms [NX], [RYL], [LMW]
		40.Dy	Vibrations of membranes and plates [DF], [LPF], [JHG], [JGM], [DSB]	55.Jz	Sound-reinforcement systems for rooms and enclosures [NX], [LMW]
		40.Ey	Vibrations of shells [JGM], [JHG], [DF], [LPF], [DSB]	55.Ka	Computer simulation of acoustics in enclosures, modeling [NX], [LMW]
		40.Fz	Acoustic scattering by elastic structures [DF], [LPF], [DSB]	55.Lb	Electrical simulation of reverberation [NX], [LMW]
		40.Ga	Nonlinear vibration [JHG], [DF], [LPF]		
		40.Hb	Random vibration [RLW]		
		40.Jc	Shock and shock reduction and absorption [JHG], [SFW]		
		40.Kd	Impact and impact reduction, mechanical transients [JHG], [RLW]		
		40.Le	Techniques for nondestructive evaluation and monitoring, acoustic emission [YHB], [RLW], [JHG], [WMC]		

55.Mc	Room acoustics measuring instruments, computer measurement of room properties [NX], [LMW]	60.Np	Acoustic signal processing techniques for neural nets and learning systems [EJS], [WMC], [JAC]	66.Mk	Temporal and sequential aspects of hearing [JCM], [MW], [BCM], auditory grouping in relation to music [DD], [RLF], [RYL]
55.Nd	Reverberation room design: theory, applications to measurements of sound absorption, transmission loss, sound power [KAC], [NX], [LMW]	60.Pt	Signal processing techniques for acoustic inverse problems [AIT], [TDM], [EJS], [EJW], [SLB], [WMC], [JAC]	66.Nm	Phase effects [BCM], [MW]
55.Pe	Anechoic chamber design, wedges [KAC], [NX], [LMW]	60.Qv	Signal processing instrumentation, integrated systems, smart transducers, devices and architectures, displays and interfaces for acoustic systems [EJS], [NX], [WMC], [JAC]	66.Pn	Binaural hearing [JCM], [MW], [RYL]
55.Rg	Sound transmission through walls and through ducts: theory and measurement [NX], [MCH], [LMW]	60.Rw	Remote sensing methods, acoustic tomography [TDM], [EJS], [WMC], [JAC]	66.Qp	Localization of sound sources [JCM], [DD], [RLF], [RYL]
55.Ti	Sound-isolating structures, values of transmission coefficients [NX], [LMW]	60.Sx	Acoustic holography [EJS], [WMC], [JAC], [OAS]	66.Rq	Dichotic listening [JCM], [MW], [DD], [RYL]
55.Vj	Vibration-isolating supports in building acoustics [NX], [LMW]	60.Tj	Wave front reconstruction, acoustic time-reversal, and phase conjugation [DRD], [EJS], [WMC], [JAC], [OAS]	66.Sr	Deafness, audiometry, aging effects [MW], [BCM], [RLF], [RYL], [RSN]
55.Wk	Damping of panels [NX], [LMW]	60.Uv	Model-based signal processing [EJS], [WMC], [NX], [JAC]	66.Ts	Auditory prostheses, hearing aids [JCM], [MW], [BCM], [RLF], [RYL]
[58]	<b>Acoustical measurements and instrumentation</b>	60.Vx	Acoustic sensing and acquisition [EJS], [WMC], [JAC]	66.Vt	Hearing protection [JCM], [RLF]
58.Bh	Acoustic impedance measurement [AJZ], [AH]	60.Wy	Non-stationary signal analysis, non-linear systems, and higher order statistics [EJS], [WMC], [JAC]	66.Wv	Vibration and tactile senses [MCH]
58.Dj	Sound velocity [AJZ]			66.Yw	Instruments and methods related to hearing and its measurement [JCM], [MW], [RLF]
58.Fm	Sound level meters, level recorders, sound pressure, particle velocity, and sound intensity measurements, meters, and controllers [AJZ]	[64]	<b>Physiological acoustics</b>	[70]	<b>Speech production</b>
58.Gn	Acoustic impulse analyzers and measurements [AJZ], [NX]	64.Bt	Models and theories of the auditory system [BLM], [WPS], [JAS], [MCH]	70.Aj	Anatomy and physiology of the vocal tract, speech aerodynamics, auditory kinetics [AL], [CHS], [AH]
58.Hp	Tuning forks, frequency standards; frequency measuring and recording instruments; time standards and chronographs [AJZ]	64.Dw	Anatomy of the cochlea and auditory nerve [BLM], [WPS], [RYL]	70.Bk	Models and theories of speech production [AL], [PEI], [JES], [BHS], [CHS], [AH]
58.Jq	Wave and tone synthesizers [AJZ]	64.Fy	Anatomy of the auditory central nervous system [WPS], [RYL]	70.Dn	Disordered speech [AL], [CHS], [DAB]
58.Kr	Spectrum and frequency analyzers and filters; acoustical and electrical oscillographs; photoacoustic spectrometers; acoustical delay lines and resonators [AJZ], [NX]	64.Gz	Biochemistry and pharmacology of the auditory system [WPS]	70.Ep	Development of speech production [AL], [RYL], [CHS], [RSN], [DAB]
58.Ls	Acoustical lenses and microscopes [AJZ]	64.Ha	Acoustical properties of the outer ear; middle-ear mechanics and reflex [BLM], [JAS], [MCH]	70.Fq	Acoustical correlates of phonetic segments and suprasegmental properties: stress, timing, and intonation [AL], [AJ], [RSN], [MSS], [CHS], [DAB]
58.Mt	Phase meters [AJZ]	64.Jb	Otoacoustic emissions [BLM]	70.Gr	Larynx anatomy and function; voice production characteristics [AL], [AJ], [CHS], [DAB]
58.Pw	Rayleigh disks [AJZ]	64.Kc	Cochlear mechanics [BLM], [WPS]	70.Jt	Instrumentation and methodology for speech production research [AL], [CHS], [DAB]
58.Ry	Distortion: frequency, nonlinear, phase, and transient; measurement of distortion [AJZ]	64.Ld	Physiology of hair cells [BLM], [WPS]	70.Kv	Cross-linguistics speech production and acoustics [AL], [AJ], [RSN], [PEI], [JES], [MSS], [RYL], [CHS], [DAB]
58.Ta	Computers and computer programs in acoustics [AJZ]	64.Me	Effects of electrical stimulation, cochlear implant [BLM], [WPS], [JCM], [MW], [RYL]	70.Mn	Relations between speech production and perception [AL], [AJ], [RSN], [RYL], [CHS], [DAB]
58.Vb	Calibration of acoustical devices and systems [AJZ], [WMC]	64.Nf	Cochlear electrophysiology [BLM], [WPS]		
58.Wc	Electrical and mechanical oscillators [AJZ]	64.Pg	Electrophysiology of the auditory nerve [BLM], [WPS], [JCM]	[71]	<b>Speech perception</b>
[60]	<b>Acoustic signal processing</b>	64.Qh	Electrophysiology of the auditory central nervous system [WPS], [JAS], [RYL], [JCM]	71.An	Models and theories of speech perception [AJ], [RSN], [MSS], [PEI], [JES], [KWG]
60.Ac	Theory of acoustic signal processing [EJS], [WMC], [JAC]	64.Ri	Evoked responses to sounds [WPS], [JAS], [JCM], [MW]	71.Bp	Perception of voice and talker characteristics [MSS], [PEI], [JES], [AJ], [RSN]
60.Bf	Acoustic signal detection and classification, applications to control systems [EJS], [WMC], [JAC]	64.Sj	Neural responses to speech [WPS], [RYL], [JCM]	71.Es	Vowel and consonant perception; perception of words, sentences, and fluent speech [MSS], [AJ], [RSN], [PEI], [JES], [KWG], [CHS]
60.Cg	Statistical properties of signals and noise [EJS], [WMC], [JAC]	64.Tk	Physiology of sound generation and detection by animals [WPS], [RYL], [JAS]	71.Ft	Development of speech perception [MSS], [AJ], [RSN], [PEI], [JES], [RYL]
60.Dh	Signal processing for communications: telephony and telemetry, sound pickup and reproduction, multimedia [EJS], [WMC], [JAC]	64.Vm	Physiology of the somatosensory system [WPS], [MCH]	71.Gv	Measures of speech perception (intelligibility and quality) [MSS], [AJ], [RSN], [DOS], [KWG]
60.Ek	Acoustic signal coding, morphology, and transformation [EJS], [WMC], [JAC]	64.Wn	Effects of noise and trauma on the auditory system [BLM], [WPS], [MCH]	71.Hw	Cross-language perception of speech [MSS], [AJ], [RSN], [PEI], [JES]
60.Fg	Acoustic array systems and processing, beam-forming [TDM], [EJS], [WMC], [JAC]	64.Yp	Instruments and methods [WPS]	71.Ky	Speech perception by the hearing impaired [KWG], [DOS], [BCM], [JCM], [MW], [RSN], [MSS]
60.Gk	Space-time signal processing other than matched field processing [EJS], [WMC], [JAC]	[66]	<b>Psychological acoustics</b>	71.Lz	Speech perception by the aging [KWG], [DOS], [JCM], [MW], [RSN]
60.Hj	Time-frequency signal processing, wavelets [EJS], [WMC], [JAC]	66.Ba	Models and theories of auditory processes [JAS], [RLF], [MW]	71.Qr	Neurophysiology of speech perception [PEI], [JES], [KWG], [AJ]
60.Jn	Source localization and parameter estimation [AIT], [EJS], [WMC], [JAC]	66.Cb	Loudness, absolute threshold [BCM], [MW]	71.Rt	Sensory mechanisms in speech perception [PEI], [JES], [KWG], [RSN]
60.Kx	Matched field processing [AIT], [EJS], [WMC], [JAC]	66.Dc	Masking [JCM], [BCM], [MW], [RLF], [RYL]	71.Sy	Spoken language processing by humans [KWG], [DOS], [RSN]
60.Lq	Acoustic imaging, displays, pattern recognition, feature extraction [EJS], [WMC], [JAC]	66.Ed	Auditory fatigue, temporary threshold shift [MCH], [RLF], [MW]		
60.Mn	Adaptive processing [EJS], [WMC], [JAC]	66.Fe	Discrimination: intensity and frequency [BCM], [JCM], [MW], [RLF]	[72]	<b>Speech processing and communication systems</b>
		66.Gf	Detection and discrimination of sound by animals [RYL], [JAS], [JCM], [MCH]	72.Ar	Speech analysis and analysis techniques; parametric representation of speech [DOS], [CHS]
		66.Hg	Pitch [BCM], [JCM]	72.Bs	Neural networks for speech recognition [DOS], [CHS]
		66.Jh	Timbre, timbre in musical acoustics [BCM], [DD]		
		66.Ki	Subjective tones [BCM]		
		66.Lj	Perceptual effects of sound [JCM], [MW], [BCM], [DD], [RLF], [RYL]		

72.Ct	Acoustical methods for determining vocal tract shapes [DOS], [CHS]	75.Hi	Drums [NHF], [AH]	80.Ev	Acoustical measurement methods in biological systems and media [FD], [DLM], [CCC], [TDM], [MCH]
72.Dv	Speech-noise interaction [DOS]	75.Kk	Bells, gongs, cymbals, mallet percussion and similar instruments [NHF], [AH]	80.Gx	Mechanisms of action of acoustic energy on biological systems: physical processes, sites of action [FD], [DLM], [CCC], [MCH], [ROC]
72.Fx	Talker identification and adaptation algorithms [DOS]	75.Lm	Free reed instruments [NHF], [AH]	80.Jz	Use of acoustic energy (with or without other forms) in studies of structure and function of biological systems [FD], [DLM], [CCC], [KGF], [MCH]
72.Gy	Narrow, medium, and wideband speech coding [DOS]	75.Mn	Pianos and other struck stringed instruments [NHF], [AH]	80.Ka	Sound production by animals: mechanisms, characteristics, populations, biosonar [JAS], [WA], [WMC], [MCH]
72.Ja	Speech synthesis and synthesis techniques [DOS]	75.Np	Pipe organs [NHF], [AH]	80.Lb	Sound reception by animals: anatomy, physiology, auditory capacities, processing [JAS], [WA], [MCH]
72.Kb	Speech communication systems and dialog systems [DOS]	75.Pq	Reed woodwind instruments [NHF], [AH]	80.Nd	Effects of noise on animals and associated behavior, protective mechanisms [JAS], [WA], [MCH]
72.Lc	Time and frequency alignment procedures for speech [DOS]	75.Qr	Flutes and similar instruments [NHF], [AH]	80.Pe	Agroacoustics [WA], [RR]
72.Lc	Time and frequency alignment procedures for speech [DOS]	75.Rs	Singing [DD], [CHS], [AH], [DAB]	80.Qf	Medical diagnosis with acoustics [FD], [DLM], [CCC], [TDM]
72.Ne	Automatic speech recognition systems [DOS]	75.St	Musical performance, training, and analysis [DD]	80.Sh	Medical use of ultrasonics for tissue modification (permanent and temporary) [FD], [DLM], [CCC], [TDM], [MCH], [ROC]
72.Pf	Automatic talker recognition systems [DOS]	75.Tv	Electroacoustic and electronic instruments [DD]	80.Vj	Acoustical medical instrumentation and measurement techniques [FD], [DLM], [CCC], [TDM], [MCH]
72.Qr	Auditory synthesis and recognition [DOS]	75.Wx	Electronic and computer music [ADP]		
		75.Xz	Automatic music recognition, classification and information retrieval [DD]		
<b>[75]</b>	<b>Music and musical instruments</b>	75.Yy	Instrumentation measurement methods for musical acoustics [NHF]		
75.Bc	Scales, intonation, vibrato, composition [DD]	75.Zz	Analysis, synthesis, and processing of musical sounds [DD]		
75.Cd	Music perception and cognition [DD]				
75.De	Bowed stringed instruments [NHF], [AH]	<b>[80]</b>	<b>Bioacoustics</b>		
75.Ef	Woodwinds [NHF], [AH]	80.Cs	Acoustical characteristics of biological media: molecular species, cellular level tissues [FD], [DLM], [CCC], [TDM]		
75.Fg	Brass instruments and other lip vibrated instruments [NHF], [AH]				
75.Gh	Plucked stringed instruments [NHF], [AH]				