

# 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.

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

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

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

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