

CLASSIFICATION OF SUBJECTS

The Classification listed here is the Appendix to Section 43, "Acoustics," of the *Physics and Astronomy Classification Scheme (PACS)*, of the American Institute of Physics. The PACS scheme is used to index *The Journal of the Acoustical Society of America* as well as material on acoustics in other physics journals.

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43.05.-k	Acoustical Society of America (in PACS, see also 01.10.Hx)	43.15.+s	Standards (in PACS, see also 06.20.Fb)	43.25.Nm	Acoustic streaming
43.05.Bp	Constitution and bylaws			43.25.Qp	Radiation pressure (see also 43.58.Pw)
43.05.Dr	History	43.20.-f	General linear acoustics	43.25.Rq	Solitons, chaos
43.05.Ft	Honorary members	43.20.Bi	Mathematical theory of wave propagation (see also 43.40.At)	43.25.Ts	Nonlinear acoustical and dynamical systems
43.05.Gv	Publications, ARLO, Echoes, ASA Web page, electronic archives and references	43.20.Dk	Ray acoustics	43.25.Uv	Acoustic levitation
43.05.Hw	Meetings	43.20.El	Reflection, refraction, diffraction of acoustic waves (see also 43.30.Es)	43.25.Vt	Intense sound sources
43.05.Ky	Members and membership lists, personal notes, fellows	43.20.Fn	Scattering of acoustic waves (see also 43.30.Ft, Gv, Hw)	43.25.Yw	Nonlinear acoustics of bubbly liquids
43.05.Ma	Administrative committee activities	43.20.Gp	Reflection, refraction, diffraction, interference, and scattering of elastic and poroelastic waves	43.25.Zx	Measurement methods and instrumentation for nonlinear acoustics (see also 43.58.-e)
43.05.Nb	Technical committee activities; Technical Council	43.20.Hq	Velocity and attenuation of acoustic waves (see also 43.30.Bp, Cq, Es and 43.35.Ae, Bf, Cg)	43.28.-g	Aeroacoustics and atmospheric sound
43.05.Pc	Prizes, medals, and other awards	43.20.Jr	Velocity and attenuation of elastic and poroelastic waves	43.28.Bj	Mechanisms affecting sound propagation in air, sound speed in the air
43.05.Re	Regional chapters	43.20.Ks	Standing waves, resonance, normal modes (see also 43.25.Gf, 43.40.At, and 43.55.Br)	43.28.Dm	Infrasound and acoustic-gravity waves
43.05.Sf	Obituaries	43.20.Mv	Waveguides, wave propagation in tubes and ducts	43.28.En	Interaction of sound with ground surfaces, ground cover and topography, acoustic impedance of outdoor surfaces
43.10.-a	General	43.20.Px	Transient radiation and scattering	43.28.Fp	Outdoor sound propagation through a stationary atmosphere, meteorological factors (see also 43.50.Vt)
43.10.Ce	Conferences, lectures, and announcements (not of the Acoustical Society of America) (in PACS, see also 01.10.Cr and 01.10.Fv)	43.20.Rz	Steady-state radiation from sources, impedance, radiation patterns, boundary element methods	43.28.Gq	Outdoor sound propagation and scattering in a turbulent atmosphere, and in non-uniform flow fields
43.10.Df	Other acoustical societies and their publications, online journals, and other electronic publications	43.20.Tb	Interaction of vibrating structures with surrounding medium (see also 43.40.Rj)	43.28.Hr	Outdoor sound sources (see also 43.50.Lj, Nm, Sr)
43.10.Eg	Biographical, historical, and personal notes (not of the Acoustical Society of America) (in PACS, see also 01.60.+q)	43.20.Wd	Analogies	43.28.Js	Numerical models for outdoor propagation
43.10.Gi	Editorials, Forum	43.20.Ye	Measurement methods and instrumentation (see also 43.58.-e)	43.28.Kt	Aerothermoacoustics and combustion acoustics
43.10.Hj	Books and book reviews (in PACS, see also 01.30.Vv)	43.25.-x	Nonlinear acoustics	43.28.Lv	Statistical characteristics of sound fields and propagation parameters (see also 43.50.Rq, 43.60.Cg)
43.10.Jk	Bibliographies (in PACS, see also 01.30.Tt)	43.25.Ba	Parameters of nonlinearity of the medium	43.28.Mw	Shock and blast waves, sonic boom (see also 43.25.Cb and 43.50.Pn)
43.10.Km	Patents	43.25.Cb	Macrosonic propagation, finite amplitude sound; shock waves (see also 43.28.Mw and 43.30.Lz)	43.28.Py	Interaction of fluid motion and sound, Doppler effect, and sound in flow ducts
43.10.Ln	Surveys and tutorial papers relating to acoustics research; tutorial papers on applied acoustics	43.25.Dc	Nonlinear acoustics of solids	43.28.Ra	Generation of sound by fluid flow, aerodynamic sound and turbulence
43.10.Mq	Tutorial papers of historical and philosophical nature	43.25.Ed	Effect of nonlinearity on velocity and attenuation	43.28.Tc	Sound-in-air measurements, methods and instrumentation for location, navigation, altimetry, and sound ranging (see also 43.30.Vh and 43.58.-e)
43.10.Nq	News with relevance to acoustics, nonacoustical theories of interest to acoustics	43.25.Fe	Effect of nonlinearity on acoustic surface waves	43.28.Vd	Measurement methods and instrumentation to determine or evaluate atmospheric parameters, winds, turbulence, temperatures, and pollutants in air (see also 43.58.-e)
43.10.Pr	Information technology, internet, nonacoustical devices of interest to acoustics	43.25.Gf	Standing waves; resonance (see also 43.20.Ks)		
43.10.Qs	Notes relating to acoustics as a profession	43.25.Hg	Interaction of intense sound waves with noise		
43.10.Sv	Education in acoustics, tutorial papers of interest to acoustics educators (in PACS, see also 01.40.-d and 01.50.-i)	43.25.Jh	Reflection, refraction, interference, scattering, and diffraction of intense sound waves (see also 43.30.Lz and 43.20.Fn)		
43.10.Vx	Errata	43.25.Lj	Parametric arrays, interaction of sound with sound, virtual sources (see also 43.30.Lz)		

43.28.We	Measurement methods and instrumentation for remote sensing and for inverse problems (<i>see also 43.58.-e</i>)	43.35.Bf	Ultrasonic velocity, dispersion, scattering, diffraction, and attenuation in liquids, liquid crystals, suspensions, and emulsions (<i>see also 43.30.Es, Ft, Gv, Hw</i>)	43.38.Gy	Semiconductor transducers
43.30.-k	Underwater sound	43.35.Cg	Ultrasonic velocity, dispersion, scattering, diffraction, and attenuation in solids; elastic constants (<i>see also 43.20.Gp, Jr</i>)	43.38.Hz	Transducer arrays, acoustic interaction effects in arrays (<i>see also 43.30.Yj</i>)
43.30.Bp	Normal mode propagation of sound in water	43.35.Dh	Pretersonics (sound of frequency above 10^{10} GHz); Brillouin scattering	43.38.Ja	Loudspeakers and horns, practical sound sources (<i>see also 43.20.Rz and 43.38.Tj</i>)
43.30.Cq	Ray propagation of sound in water	43.35.Ei	Acoustic cavitation in liquids (<i>see also 43.30.Nb</i>)	43.38.Kb	Microphones and their calibration (<i>see also 43.30.Yj and 43.40.Yq</i>)
43.30.Dr	Hybrid and asymptotic propagation theories, related experiments	43.35.Fj	Ultrasonic relaxation processes in gases, liquids, and solids	43.38.Lc	Amplifiers, attenuators, and audio controls
43.30.Es	Velocity, attenuation, refraction, and diffraction in water, Doppler effect	43.35.Gk	Phonons in crystal lattices, quantum acoustics (<i>in PACS, see also 63.20.-e</i>)	43.38.Ld	Sound recording and reproducing systems, general concepts
43.30.Ft	Volume scattering	43.35.Hl	Sonoluminescence	43.38.Ne	Mechanical, optical, and photographic recording and reproducing systems
43.30.Gv	Backscattering, echoes, and reverberation in water due to combinations of boundaries	43.35.Kp	Plasma acoustics (<i>in PACS, see also 52.35.Dm</i>)	43.38.Pf	Hydroacoustic and hydraulic transducers
43.30.Hw	Rough interface scattering	43.35.Lq	Low-temperature acoustics, sound in liquid helium (<i>in PACS, see also 67.40.Mj</i>)	43.38.Qg	Magnetic and electrostatic recording and reproducing systems
43.30.Jx	Radiation from objects vibrating under water, acoustic and mechanical impedance (<i>see also 43.58.Bh</i>)	43.35.Mr	Acoustics of viscoelastic materials	43.38.Rh	Surface acoustic wave transducers (<i>see also 43.25.Fe and 43.35.Pt</i>)
43.30.Ky	Structures and materials for absorbing sound in water; propagation in fluid-filled permeable material	43.35.Ns	Acoustical properties of thin films (<i>in PACS, see also 68.60.Bs</i>)	43.38.Si	Telephones, earphones, sound power telephones, and intercommunication systems
43.30.Lz	Underwater applications of nonlinear acoustics; explosions (<i>see also 43.25.Cb, Lj</i>)	43.35.Pt	Surface waves in solids and liquids (<i>in PACS, see also 68.35.Iv and 62.60.+v</i>)	43.38.Tj	Public address systems, sound-reinforcement systems (<i>see also 43.55.Jz</i>)
43.30.Ma	Acoustics of sediments; ice covers, viscoelastic media; seismic underwater acoustics	43.35.Rw	Magnetoacoustic effect; oscillations and resonance (<i>in PACS, see also 75.80.+q and 72.55.+s</i>)	43.38.Vk	Stereophonic reproduction
43.30.Nb	Noise in water; generation mechanisms and characteristics of the field (<i>see also 43.50.Nm and 43.28.Ra</i>)	43.35.Sx	Acoustooptical effects, optoacoustics, acoustical visualization, acoustical microscopy, and acoustical holography (<i>see also 43.60.Gk, Sx; in PACS, see also 78.20.Hp</i>)	43.38.Wl	Broadcasting (radio and television)
43.30.Pc	Ocean parameter estimation by acoustical methods; remote sensing; imaging, inversion, acoustic tomography	43.35.Ty	Other physical effects of sound	43.38.Yn	Impulse transducers
43.30.Qd	Global scale acoustics; ocean basin thermometry, transbasin acoustics	43.35.Ud	Thermoacoustics, high temperature acoustics, photoacoustic effect	43.38.Zp	Acoustooptic and photoacoustic transducers (<i>see also 43.35.Sx</i>)
43.30.Re	Signal coherence or fluctuation due to sound propagation/scattering in the ocean	43.35.Vz	Chemical effects of ultrasound	43.40.-r	Structural acoustics and vibration
43.30.Sf	Acoustical detection of marine life; passive and active	43.35.Wa	Biological effects of ultrasound, ultrasonic tomography (<i>see also 43.40.Ng and 43.80.Gx, Jz, Sh</i>)	43.40.At	Experimental and theoretical studies of vibrating systems (<i>see also 43.20.Bi, Ks, Rz</i>)
43.30.Tg	Navigational instruments using underwater sound	43.35.Xd	Nuclear acoustical resonance, acoustical magnetic resonance	43.40.Cw	Vibrations of strings, rods, and beams
43.30.Vh	Active sonar systems	43.35.Yb	Ultrasonic instrumentation and measurement techniques (<i>see also 43.58.-e</i>)	43.40.Dx	Vibrations of membranes and plates
43.30.Wi	Passive sonar systems and algorithms, matched field processing in underwater acoustics (<i>see also 43.60.Kx</i>)	43.35.Zc	Use of ultrasonics in nondestructive testing, industrial processes, and industrial products	43.40.Ey	Vibrations of shells
43.30.Xm	Underwater measurement and calibration instrumentation and procedures (<i>see also 43.58.-e</i>)	43.38.-p	Transduction; acoustical devices for the generation and reproduction of sound	43.40.Fz	Acoustic scattering by elastic structures
43.30.Yj	Transducers and transducer arrays for underwater sound; transducer calibration (<i>see also 43.58.Vb</i>)	43.38.Ar	Transducing principles, materials, and structures: general (<i>see also 43.30.Yj and 43.40.Yq</i>)	43.40.Ga	Nonlinear vibration
43.30.Zk	Experimental modeling	43.38.Bs	Electrostatic transducers	43.40.Hb	Random vibration
43.35.-c	Ultrasonics, quantum acoustics, and physical effects of sound	43.38.Ct	Magnetostrictive transducers	43.40.Jc	Shock and shock reduction and absorption
43.35.Ae	Ultrasonic velocity, dispersion, scattering, diffraction, and attenuation in gases	43.38.Dv	Electromagnetic and electrodynamic transducers	43.40.Kd	Impact and impact reduction, mechanical transients
		43.38.Ew	Feedback transducers	43.40.Le	Techniques for nondestructive evaluation and monitoring, acoustic emission (<i>see also 43.35.Zc</i>)
		43.38.Fx	Piezoelectric and ferroelectric transducers	43.40.Ng	Effects of vibration and shock on biological systems, including man (<i>see also 43.35.Wa, 43.50.Qp, and 43.80.-n</i>)
				43.40.Ph	Seismology and geophysical prospecting; seismographs
				43.40.Qi	Effect of sound on structures, fatigue; spatial statistics of structural vibration
				43.40.Rj	Radiation from vibrating structures into fluid media
				43.40.Sk	Inverse problems in structural acoustics and vibration
				43.40.Tm	Vibration isolators, attenuators, and dampers (<i>see also 43.55.Vj</i>)

43.40.Vn	Active vibration control	43.55.Jz	Sound-reinforcement systems for rooms and enclosures (<i>see also 43.38.Tj</i>)	43.60.Bf	Acoustic signal detection and classification, applications to control systems
43.40.Yq	Instrumentation and techniques for tests and measurement relating to shock and vibration, including vibration pickups, indicators, and generators, mechanical impedance	43.55.Ka	Computer simulation of acoustics in enclosures, modeling (<i>see also 43.58.Ta</i>)	43.60.Cg	Statistical properties of signals and noise
		43.55.Lb	Electrical simulation of reverberation	43.60.Dh	Signal processing for communications: telephony and telemetry, sound pickup and reproduction, multimedia
43.50.–x	Noise: its effects and control	43.55.Mc	Room acoustics measuring instruments, computer measurement of room properties (<i>see also 43.58.Fm</i>)	43.60.Ek	Acoustic signal coding, morphology, and transformation
43.50.Ba	Noisiness: rating methods and criteria	43.55.Nd	Reverberation room design: theory, applications to measurements of sound absorption, transmission loss, sound power	43.60.Fg	Acoustic array systems and processing, beam-forming
43.50.Cb	Noise spectra, determination of sound power	43.55.Pe	Anechoic chamber design, wedges	43.60.Gk	Space–time signal processing, other than matched field processing (<i>see also 43.35.Sx</i>)
43.50.Ed	Noise generation (<i>see also 43.28.Ra</i>)	43.55.Rg	Sound transmission through walls and through ducts: theory and measurement	43.60.Hj	Time–frequency signal processing, wavelets
43.50.Fe	Noise masking systems	43.55.Ti	Sound-isolating structures, values of transmission coefficients (<i>see also 43.50.Jh</i>)	43.60.Jn	Source localization and parameter estimation
43.50.Gf	Noise control at source: redesign, application of absorptive materials and reactive elements, mufflers, noise silencers, noise barriers, and attenuators, etc. (<i>see also 43.55.Dt</i>)	43.55.Vj	Vibration-isolating supports in building acoustics (<i>see also 43.40.Tm; in PACS, see 07.10.Fq</i>)	43.60.Kx	Matched field processing (<i>see also 43.30.Wi</i>)
43.50.Hg	Noise control at the ear (<i>see also 43.66.Vt</i>)	43.55.Wk	Damping of panels	43.60.Lq	Acoustic imaging, displays, pattern recognition, feature extraction
43.50.Jh	Noise in buildings and general machinery noise (<i>see also 43.55.Ev, Fw, Rg</i>)			43.60.Mn	Adaptive processing
43.50.Ki	Active noise control	43.58.–e	Acoustical measurements and instrumentation (<i>see also specific sections for specialized instrumentation</i>)	43.60.Np	Acoustic signal processing techniques for neural nets and learning systems
43.50.Lj	Transportation noise sources: air, road, rail, and marine vehicles	43.58.Bh	Acoustic impedance measurement (<i>see also 43.30.Jx, 43.20.Rz, and 43.40.Yq</i>)	43.60.Pt	Signal processing techniques for acoustic inverse problems
43.50.Nm	Aerodynamic and jet noise (<i>see also 43.28.Ra</i>)	43.58.Dj	Sound velocity	43.60.Qv	Signal processing instrumentation, integrated systems, smart transducers, devices and architectures, displays and interfaces for acoustic systems (<i>see also 43.58.–e</i>)
43.50.Pn	Impulse noise and noise due to impact (<i>see also 43.40.Kd</i>)	43.58.Fm	Sound level meters, level recorders, sound pressure, particle velocity, and sound intensity measurements, meters, and controllers (<i>see also 43.55.Mc</i>)	43.60.Rw	Remote sensing methods, acoustic tomography
43.50.Qp	Effects of noise on man and society (<i>see also 43.66.Ed, and 43.80.Nd</i>)	43.58.Gn	Acoustic impulse analyzers and measurements	43.60.Sx	Acoustic holography
43.50.Rq	Environmental noise, measurement, analysis, statistical characteristics	43.58.Hp	Tuning forks, frequency standards; frequency measuring and recording instruments; time standards and chronographs	43.60.Tj	Wave front reconstruction, acoustic time-reversal, and phase conjugation
43.50.Sr	Community noise, noise zoning, by-laws, and legislation	43.58.Jq	Wave and tone synthesizers	43.60.Uv	Model-based signal processing
43.50.Vt	Topographical and meteorological factors in noise propagation	43.58.Kr	Spectrum and frequency analyzers and filters; acoustical and electrical oscillographs; photoacoustic spectrometers; acoustical delay lines and resonators (<i>see also 43.40.Sk</i>)	43.60.Vx	Acoustic sensing and acquisition
43.50.Yw	Instrumentation and techniques for noise measurement and analysis (<i>see also 43.58.–e</i>)	43.58.Ls	Acoustical lenses and microscopes (<i>see also 43.35.Sx</i>)	43.60.Wy	Non-stationary signal analysis, non-linear systems, and higher order statistics
43.55.–n	Architectural acoustics	43.58.Mt	Phase meters	43.64.–q	Physiological acoustics
43.55.Br	Room acoustics: theory and experiment; reverberation, normal modes, diffusion, transient and steady-state response (<i>see also 43.20.Fn, Ks</i>)	43.58.Pw	Rayleigh disks (<i>see also 43.25.Qp</i>)	43.64.Bt	Models and theories of the auditory system
43.55.Cs	Stationary response of rooms to noise; spatial statistics of room response; random testing	43.58.Ry	Distortion: frequency, nonlinear, phase, and transient; measurement of distortion	43.64.Dw	Anatomy of the cochlea and auditory nerve
43.55.Dt	Sound absorption in enclosures: theory and measurement; use of absorption in offices, commercial and domestic spaces (<i>see also 43.50.Jh</i>)	43.58.Ta	Computers and computer programs in acoustics (<i>see also 43.75.Wx, 43.55.Ka, 43.60.Gk, and 43.70.Jt</i>)	43.64.Fy	Anatomy of the auditory central nervous system
43.55.Ev	Sound absorption properties of materials: theory and measurement of sound absorption coefficients; acoustic impedance and admittance	43.58.Vb	Calibration of acoustical devices and systems	43.64.Gz	Biochemistry and pharmacology of the auditory system
43.55.Fw	Auditorium and enclosure design (<i>see also 43.50.Gf, Jh</i>)	43.58.Wc	Electrical and mechanical oscillators	43.64.Ha	Acoustical properties of the outer ear; middle-ear mechanics and reflex
43.55.Gx	Studies of existing auditoria and enclosures			43.64.Jb	Otoacoustic emissions
43.55.Hy	Subjective effects in room acoustics, speech in rooms	43.60.–c	Acoustic signal processing	43.64.Kc	Cochlear mechanics
		43.60.Ac	Theory of acoustic signal processing	43.64.Ld	Physiology of hair cells
				43.64.Me	Effects of electrical stimulation, cochlear implant
				43.64.Nf	Cochlear electrophysiology
				43.64.Pg	Electrophysiology of the auditory nerve

43.64.Qh	Electrophysiology of the auditory central nervous system	43.70.Kv	Cross-linguistics speech production and acoustics	43.75.Fg	Brass instruments and other lip-vibrated instruments
43.64.Ri	Evoked responses to sounds	43.70.Mn	Relations between speech production and perception	43.75.Gh	Plucked string instruments
43.64.Sj	Neural responses to speech			43.75.Hi	Drums
43.64.Tk	Physiology of sound generation and detection by animals	43.71.–k	Speech perception	43.75.Kk	Bells, gongs, cymbals, mallet percussion, and similar instruments
43.64.Vm	Physiology of the somatosensory system	43.71.An	Models and theories of speech perception (<i>see also 43.66.Ba</i>)	43.75.Lm	Free reed instruments
43.64.Wn	Effects of noise and trauma on the auditory system	43.71.Bp	Perception of voice and talker characteristics	43.75.Mn	Pianos and other struck stringed instruments
43.64.Yp	Instruments and methods (<i>see also 43.58.–e</i>)	43.71.Es	Vowel and consonant perception; perception of words, sentences, and fluent speech (<i>see also 43.66.Lj</i>)	43.75.Np	Pipe organs
43.66.–x	Psychological acoustics	43.71.Ft	Development of speech perception	43.75.Pq	Reed woodwind instruments
43.66.Ba	Models and theories of auditory processes	43.71.Gv	Measures of speech perception (intelligibility and quality)	43.75.Qr	Flutes and similar wind instruments
43.66.Cb	Loudness, absolute threshold	43.71.Hw	Cross-language perception of speech	43.75.Rs	Singing
43.66.Dc	Masking	43.71.Ky	Speech perception by the hearing impaired (<i>see also 43.66.Ts</i>)	43.75.St	Musical performance, training, and analysis
43.66.Ed	Auditory fatigue, temporary threshold shift	43.71.Lz	Speech perception by the aging	43.75.Tv	Electroacoustic and electronic instruments
43.66.Fe	Discrimination: intensity and frequency	43.71.Qr	Neurophysiology of speech perception	43.75.Wx	Electronic and computer music
43.66.Gf	Detection and discrimination of sound by animals	43.71.Rt	Sensory mechanisms in speech perception	43.75.Xz	Automatic music recognition, classification, and information retrieval
43.66.Hg	Pitch	43.71.Sy	Spoken language processing by humans	43.75.Yy	Instrumentation measurement methods for musical acoustics
43.66.Jh	Timbre, timbre in musical acoustics			43.75.Zz	Analysis, synthesis, and processing of musical sounds
43.66.Ki	Subjective tones	43.72.–p	Speech processing and communication systems	43.80.–n	Bioacoustics
43.66.Lj	Perceptual effects of sound (<i>see also 43.71.–k</i>)	43.72.Ar	Speech analysis and analysis techniques; parametric representation of speech	43.80.Cs	Acoustical characteristics of biological media: molecular species, cellular level tissues
43.66.Mk	Temporal and sequential aspects of hearing; auditory grouping in relation to music	43.72.Bs	Neural networks for speech recognition	43.80.Ev	Acoustical measurement methods in biological systems and media
43.66.Nm	Phase effects	43.72.Ct	Acoustical methods for determining vocal tract shapes	43.80.Gx	Mechanisms of action of acoustic energy on biological systems: physical processes, sites of action (<i>in PACS, see also 87.50.Kk</i>)
43.66.Pn	Binaural hearing	43.72.Dv	Speech–noise interaction	43.80.Jz	Use of acoustic energy (with or without other forms) in studies of structure and function of biological systems (<i>in PACS, see also 87.50.Kk</i>)
43.66.Qp	Localization of sound sources	43.72.Fx	Talker identification and adaptation algorithms	43.80.Ka	Sound production by animals: mechanisms, characteristics, populations, biosonar (<i>see also 43.30.Nb and 43.64.Tk</i>)
43.66.Rq	Dichotic listening	43.72.Gy	Narrow, medium, and wideband speech coding	43.80.Lb	Sound reception by animals: anatomy, physiology, auditory capacities, processing (<i>see also 43.64.Tk, 43.66.Gf</i>)
43.66.Sr	Deafness, audiometry, aging effects	43.72.Ja	Speech synthesis and synthesis techniques	43.80.Nd	Effects of noise on animals and associated behavior, protective mechanisms (<i>see also 43.50.Qp, 43.64.Tk</i>)
43.66.Ts	Auditory prostheses, hearing aids	43.72.Kb	Speech communication systems and dialogue systems (<i>see also 43.38.Si</i>)	43.80.Pe	Agroacoustics
43.66.Vt	Hearing protection (<i>see also 43.50.Hg</i>)	43.72.Lc	Time and frequency alignment procedures for speech	43.80.Qf	Medical diagnosis with acoustics (<i>in PACS, see also 87.63.Df</i>)
43.66.Wv	Vibration and tactile senses	43.72.Ne	Automatic speech recognition systems	43.80.Sh	Medical use of ultrasonics for tissue modification (permanent and temporary) (<i>in PACS, see also 87.50.Kk</i>)
43.66.Yw	Instruments and methods related to hearing and its measurement (<i>see also 43.58.–e</i>)	43.72.Pf	Automatic talker recognition systems	43.80.Vj	Acoustical medical instrumentation and measurement techniques (<i>see also 43.66.Ts and 43.58.–e</i>)
43.70.–h	Speech production	43.72.Qr	Auditory synthesis and recognition		
43.70.Aj	Anatomy and physiology of the vocal tract, speech aerodynamics, auditory kinetics	43.75.–z	Music and musical instruments		
43.70.Bk	Models and theories of speech production	43.75.Bc	Scales, intonation, vibrato, composition		
43.70.Dn	Disordered speech	43.75.Cd	Music perception and cognition		
43.70.Ep	Development of speech production	43.75.De	Bowed stringed instruments		
43.70.Fq	Acoustical correlates of phonetic segments and suprasegmental properties: stress, timing, and intonation	43.75.Ef	Woodwinds		
43.70.Gr	Larynx anatomy and function; voice production characteristics				
43.70.Jt	Instrumentation and methodology for speech production research				