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Title word cross-reference

2 [KPSL10, KHJK13, LPR06]. 3 [AW15, AWR18, BSW10, BSHW14, EBPJ16, GLT05b, GVC+17, HOH15, HAHG17, JDR08, KPSL10, LDDR18, Lav09, MSS+22, NFD+21, OR04, Ste15, SK16, VSKL17, WPDH14, WBNF06]. *K* [KDK+16].

1994 [Bar05a]. **1996** [FTB05, WK05b]. **1997** [Bre05, MPC05]. **1998** [BM05, EM05a, Fer05].

2000 [Vic05]. **2001** [SCS05]. **2002** [HR05b]. **2003** [BS05a, GLT05a]. **2004** [vdD05a]. **2010** [MB10]. **2012** [MS12]. **2013** [GS13]. **2015** [KMS15]. **2016** [BT16]. **2018** [RK18]. **2019** [HC19]. **2020** [GGFE20]. **2021** [JO21]. **2022** [SBC22]. **20s** [KVE16].

Abstract [SNW16, ZZ13]. **Abstraction** [SGHL+19]. **abstractions** [MMS13]. **Acceleration** [RKS16]. **accelerations** [BSPB10]. **Acceptability** [MP20]. **Accuracy** [UHWT21]. **acoustic** [FR08, LZG+13]. **Acquisition** [GHS+20]. **Across** [AONB17, TGJ08]. **Acting** [JOY+18]. **Action** [BB21, GRM+21, JOZ+21, BSW10, ECOG11, NAB+11, ZNWK12, ZAAC12]. **action-based** [ZNWK12]. **Actions** [NP15, NOSS17, KWSS08]. **activation** [DKR+05]. **activation-based** [DKR+05]. **activations** [VSCM12]. **active** [TSRD07]. **activity** [BWG12]. **actual** [RFR09].

Actuators [ÆÁP+22]. **Adaptation** [RBC14]. **Adaptive** [BMB19, LFM12]. **addressing** [GTAE04]. **Adjustment** [JWA19, JDKN18]. **Adult** [JAA+16]. **advantages** [WWA11]. **Aesthetic** [ZYZ+17, TJL+11]. **Aesthetics** [ZYJ+22]. **Affect** [CR22, LCC15, GNP+10]. **affected** [TSC13]. **Affective** [LCC15, SCM18, WKM+17, KWI09, MDR10]. **Affects** [LVV+20, ZOH+15, ZNWK12]. **Affordance** [LRB15]. **After** [FM05, SB12]. **Agent** [AONB17, EBA+21, JOZ+21]. **aid** [JSHG08, RDF11]. **aided** [SDW05]. **Air** [VVC+22, PCK08, SHHF+22]. **al** [BM05, FTB05, SCS05]. **Albums** [KPL+19]. **algorithm** [MP09, SGF+10]. **Algorithmic** [CPVC19, WKM+15]. **Algorithms** [HBM+14, HFJS09, KYL+07, OAD+12, PJN+11]. **Alignment** [USA20]. **Allowing** [BDR+21]. **Alphabet** [PVK20]. **Alty** [Vic05]. **Ambient** [DBR21, KDK+16, DCR06]. **Ambient/Focal** [DBR21, KDK+16]. **Ambiguities** [WBHP20]. **Analysis** [ASG+18, BCD15, BH17, CLR10, EKL+21, FZL20, FK19, MMSO15, NOSS17, RTSW18, TMM17, BMGC05, CWB10, FCH09, FBT05, MB04, MP09, TKK+13]. **Analyzing** [NGJT13]. **Angiography** [ABK+15]. **Angle** [Ste15, HS12, TSRD07]. **Animals** [SNW16]. **Animated** [HCKH16, BAMB13, HJO+10, WBCB08]. **animating** [TCMH11]. **animation** [RO09]. **Animations** [KMH+19, KVDE19, VHBO14]. **anomalies** [HJO+10]. **APGV** [MB10]. **APGV07** [FL09]. **Appearance** [APK15, KHH17]. **Application** [SHHF+22, AMR06, Lav09]. **applications** [KHJK13]. **Applied** [FL09]. **Applying** [MB04, PI08, YBC13]. **Approach** [SJ18, BGL+08, GEMA13, MO09b]. **Appropriate** [IOYK19]. **approximate** [YCK+09]. **approximating** [JDR08]. **Area** [MW15]. **arm** [VGBF10]. **arousal** [VSCM12]. **Arrow** [USA20]. **Art** [SNW16, SMO+10]. **Arteriovenous** [ABK+15]. **artifact** [TKK+13]. **Artifacts** [HOH15, PMS17, TMM17, MGM12]. **Artistic** [WBHP20]. **Artists** [SNW16]. **Arts** [PHRE15]. **assess** [SAB07]. **assessed** [VCR08]. **Assessing** [HBW11, HBF16, TCGC19, WTWN16]. **Assessment** [BMB19, GVC+17, NFD+21, VSKL17, ZLQ+19, APP07, DCN+06, WK05a]. **Assistants** [RL17]. **Assisted** [DCRS15]. **Association** [KNL22]. **assumptions** [MRT+10]. **asymmetric** [SMI06]. **Attention** [BFSV16, BH17, DBR21, HHNOP19, KDK+16, O'S05, ZYJ+22, FRC10, GMT09, HCS10, RTPG11]. **Attentional** [RTPG11]. **Attractiveness** [OEMO16, ZNO+20]. **Attributes** [FK19, LZL17]. **Audio** [MSHLR16, RBCK12, BSVDD10, LZG+13]. **audio-visual** [BSVDD10, LZG+13, RBCK12]. **audiovisual** [BJK13, GLT05b]. **Auditory** [AL15, CR22, FR08, GWFL22, OR04, RFR09, AZ10, Bar05a, Bar05b, BMGC05, BM05, EM05a, GDBP13, GLT05b, KW05, MB04, NW08, SCSG05, SCS05, WK05a, DFJ+20]. **augmentations** [KMHO13]. **Augmented** [AL15, GRM+21, RVH+19, WC22, HFJS09, KWSS08, KMHO13, SDW05]. **augmented-reality** [KWSS08]. **auralization** [VA05, Vic05]. **Author** [GLT05a, MPC05, HR05b, Vic05]. **Automated** [HBK+21, KDCM15, SMO+10]. **Automatic** [PMS17, McN06, RVB05, TVR+11]. **auxiliary** [KMHO13]. **avatar** [KS12]. **avoidance** [FFW07]. **awareness** [MBCW10, ZCRTW12].

Background [LMM+22]. **Balance**

[KKC19, WBN+11]. **Balancing** [KDCM15]. **Barrass** [Bar05a]. **Base** [RSM+15]. **Based** [BFSV16, BYB18, CSUN05, GBA17, KPDP19, KHH17, KVDE19, LRB15, LZL+18, RTJ+21, SXCS15, SJ18, TUG+20, WL21, BS06, BMB19, DKR+05, ENC+08, HR05b, HVM06, HDH10, JWA19, Kaw19, KBP+13, MI07, MC05, MTCR+07, MDT09, RLH+08, SD22, SZ22, SMS13, WMA12, ZC06, ZLO13, ZNWK12, ZLQ+19, vdD05b]. **Bayesian** [ECOG11]. **be** [FBT05, RVB05]. **Beauty** [CXZ14]. **Behavior** [ASG+18, BBE16, BBE22, KPR22, KPL+19, RPH10]. **Behavioral** [OOAY22]. **Behaviors** [EBPJ16, SBR07]. **believable** [BSPB10]. **belt** [VVJD05]. **Benefits** [EKL+21, Ste15]. **Better** [IOYK19]. **between** [NGJT13, PD17, SNW16, SZ22, WNW+07]. **bias** [HCS10]. **bidirectional** [FCH09]. **Big** [JSCR+15]. **Bimodal** [BGW11, BSVDD10]. **binning** [ECOG11]. **Biological** [NOSS17]. **Biomechanics** [JLS+17]. **Biometric** [RKS16, KHJK13]. **Biometrics** [KHKP15]. **blending** [CLR12]. **Blind** [BDR+21, RSM+15]. **Blindness** [KT21]. **blinks** [TCMH11]. **Blur** [LVV+20, SK16, BJK13, LFM12, NCSG11]. **board** [WBN+11]. **bodies** [MEDO09]. **Body** [GFD+15, KHW+15, KSLM15, BWG12, MJH+09, MJM+09, NGJT13]. **body-worn** [BWG12]. **Bonebright** [BM05]. **both** [NAB+11]. **Bouncing** [DFJ+20]. **Braille** [LPHL05]. **Brain** [VCA16]. **Brain-Computer** [VCA16]. **Brewster** [Bre05]. **Brightness** [CKAD18]. **browsing** [Fer05, LZG+13]. **Brungart** [BS05a]. **bumps** [LBT08, VVHV10]. **Button** [KBL14].

Calibration [KSLM15, MTCR+07, WKM+17, DCR06, KTCR09]. **Camera** [DKM21, SMI06]. **Can** [CR22, FKM17, RVB05, RSPA+06]. **Canvas** [VVC+22]. **Capacity** [TNE20]. **Cartoon** [FMM21]. **Cartoon-Rendered** [FMM21]. **Case** [GFD+15]. **Categorization** [BCS17, VSWB07]. **Caudell** [MPC05]. **Caused** [HOH15]. **causes** [KBP+13]. **cellphones** [ZAAC12]. **center** [KBP+13]. **challenging** [OAD+12]. **Change** [KT21, NZG+11]. **Changes** [RKP22, SDW05]. **Character** [WTWN16]. **Characteristics** [JKB17, KHKP15]. **Characterization** [RRM+16, MAYKM13]. **characterize** [GEMA13]. **Characters** [FMM21, HCKH16, JDKN18, HJO+10, LSRS10, MJH+09]. **check** [AG06]. **Chief** [IG15]. **Child** [JAA+16]. **Children** [SNW16]. **Chromatic** [BPFP16]. **chromaticity** [LXXB10]. **circular** [RVSP09]. **Clarke** [Bre05]. **Classification** [DK19, DFJ+20, TCGC19, MGM12]. **Classifier** [PK20]. **Classifying** [KWI09]. **Client** [SXCS15]. **Client-Server** [SXCS15]. **Clouds** [AWR18]. **Clustering** [GEMA13, KPL+19, SMS13]. **Coach** [GFD+15]. **Code** [PVK20]. **Coding** [HAHG17, SMI06]. **Coefficient** [KDK+16]. **Cognitive** [LZL+18, MBCW10, RSPA+06, ZLQ+19, FRC10, HMS09, KWSS08]. **collected** [MP09]. **collection** [BMGC05]. **Collisions** [O'S05, BB13]. **Color** [APK15, AK16, CSUN05, KHH17, KVE16, DBS+09, LPT+06, VSWB07]. **Combination** [VVC+22, LXXB10]. **Combining** [OOAY22]. **Comfort** [JWA19, SWA14]. **Comments** [Bar05a, BM05, Bre05, BS05a, EM05a, Fer05, FTB05, SCS05, WK05b, vdD05a, GLT05a, HR05b, MPC05, Vic05]. **Communication** [AONB17, SXCS15]. **Comparative** [BMB19, DK19, HBM+14, TMM17, AMR06]. **Comparing** [NCVW10, OAD+12]. **Comparison** [BYB18, GATM18, GLT05b, KCK+18, NFD+21, SNW16, SB12]. **Compensating** [SXCS15]. **Complex** [LMM+22, VCR08]. **Complexity** [MP20, HMS09]. **Components**

[CKWB05, RLV+10]. **Composite** [TLS+15]. **composites** [FHC04]. **Composition** [WKM+15, WKM+17, LME10]. **Comprehension** [BGK17]. **comprehensive** [Bar05a]. **compressed** [SMI06]. **computation** [TGJ08]. **Computational** [FRC10, KT21, WL21, ZYZ+17, BGL+08, PI08]. **Computer** [DCRS15, FWN+14, HBF16, JOZ+21, SGHL+19, VCA16, SDW05, SII04, WBC+07]. **computer-aided-drawing** [SDW05]. **Computer-Assisted** [DCRS15]. **Computer-Generated** [FWN+14, HBF16, SGHL+19, JOZ+21, WBC+07]. **concurrent** [MB04]. **Conditions** [BYB18]. **conferences** [KW05]. **configuration** [BS05b]. **Consequences** [ZB17]. **considerations** [NCSG11]. **Considering** [ZYJ+22]. **Consistency** [KNL22]. **Constancy** [BSH18, CWT+05]. **Constant** [Ste15]. **Consumer** [VCA16]. **Consumer-Grade** [VCA16]. **Contact** [CYK+21, SAB07, WH08]. **Contact-type** [CYK+21]. **Content** [BFSV16, RLH+08]. **Context** [BDR+21, KPL+19, EPO11]. **contingent** [MDT09, WMA12]. **Contour** [WL21]. **Contrast** [MGVM16, MI07, MMS06]. **Contribution** [AWR18]. **Contributions** [RM16]. **Control** [ALN+21, KHH17, APP07, BOK10, KPAA10, LPO09, MM13, MAYKM13, NVW13, SGF+10, WWA11, ZZ13]. **controlled** [HU11, LBWP07]. **Controlling** [BCB20]. **Conventional** [MGVM16, NCVW10]. **Conversational** [CKWB05, EBA+21]. **conversations** [MEDO09]. **Convolutional** [HBK+21]. **Cooperative** [KM17]. **Coordination** [BB21]. **Cornsweet** [AR08]. **correction** [DCR06]. **Correlates** [WKM+15]. **correspondence** [NGJT13]. **Cortex** [WL21]. **Craik** [AR08]. **Creating** [SJ18, ZYJ+22, FHC04]. **Creatures** [FKM17]. **Crossing** [JOY+18, JOZ+21]. **crossmodal** [GMT09, RTPG11]. **crowds** [EPO11]. **Crystallization** [HR05a]. **cue** [FCH+07, KBP+13]. **cue-based** [KBP+13]. **Cueing** [BJK13, RTPG11]. **Cues** [AWR18, FB05, KHW+15, MSHLR16, RKS16, USA20, EML13, JSHG08, LSRR13, PCK08, RVB05, RFR09]. **Cunningham** [SCS05]. **cursor** [LBT08]. **curvature** [AASH+12]. **Curve** [AASH+12]. **Curved** [ZB17]. **curving** [KBL+06]. **Cutaneous** [PTP14]. **Cybersickness** [LVV+20]. **CyberWalk** [SGS+11].

D

[AW15, AWR18, BSW10, BSHW14, EBPJ16, GLT05b, GVC+17, HOH15, HAHG17, JDR08, KPSL10, KHJK13, LPR06, LDDR18, Lav09, MSS+22, NFD+21, OR04, Ste15, SK16, VSKL17, WPDH14, WBNF06]. **Dark** [EKL+21]. **Data** [BMGC05, BH17, FBT05, NW08, Bar05b, FTB05, HDH10, LME10, MP09]. **data-driven** [HDH10]. **datasets** [HR05a]. **Day** [KRV+14]. **Day-for-Night** [KRV+14]. **Daylighting** [MMSO15]. **Decisions** [FKM17]. **Decreases** [JWA19]. **Deep** [HBK+21]. **definition** [HMS09]. **Deformation** [KFSN16, AJML13, LPHL05]. **Degraded** [TCGC19]. **degree** [ZLO13]. **Delay** [SXCS15]. **Density** [WKM+15, NW08]. **dependencies** [VCR08]. **Dependent** [MSS+22]. **depiction** [WBNF06]. **Depth** [AWR18, HOH15, HAHG17, JWA19, Kaw19, WRHS18, ZOH+15, EML13, HHL10, KMHO13, WP10, YBC13]. **Depth-based** [JWA19]. **Depth-Enhanced** [HAHG17]. **Depth-of-Field** [WRHS18]. **derive** [BSW10]. **Description** [CBB+14]. **Design** [BCD15, BMB19, KHH17, BC05, EM05a, EM05b, GMT09, RDF11, WK05b, WMVO05]. **designing** [AMR06]. **Desktop** [FTB05, FBT05]. **desynchronization** [MEDO09]. **detail** [PDZ05]. **Detection**

[MGM16, NJS06, PMS17, VCA16, GDBP13, KSM+05, LZG+13, WMA12, WMS08]. **Determine** [CKWB05]. **Development** [HJ07]. **Device** [CYK+21, LKTH06, SHBK05]. **Devices** [MSHLR16, AAM08]. **diagrams** [WB04]. **Difference** [DCRS15, UHWT21, LPT+06]. **Differences** [RNLH16, RPH10, FCH+07, TGT+09, ZCRTW12]. **Different** [BYB18, JAA+16, TMM17, TSC13]. **differently** [ZNWK12]. **Difficulty** [PK20]. **Diffuse** [TGG+20]. **Dimensional** [LZL17, HR05a, WMVO05]. **Dimensions** [TGG+20, WM08]. **direct** [FM05]. **direction** [BSH+06, MBG09, PI08]. **Disc** [BTDB20]. **Discerning** [KDK+16]. **Discrete** [MW15]. **Discrimination** [RM16, SK16, TSRD07, BSH+06, HJ07, VGBF10]. **Dismounted** [GHS+20]. **Disparity** [KRV+14, CLR10]. **Displacement** [CYK+21, KBP+13, MGM16, DFZ+05]. **Display** [BBE22, IOYK19, LPHL05, MSS+22, OOAY22, RTJ+21, Bar05a, Bar05b, BS05b, BS05a, DFZ+05, EML13, GDBP13, GBLR10, HJ07, KW05, SCS05, WMVO05, WCCRT09]. **Display-Size** [MSS+22]. **Displays** [BSH18, EKL+21, HOH15, HAHG17, JWA19, LLBM15, MD05, MGVM16, NMVRB20, SWA14, WPDH14, WC22, WRHS18, BM05, CLR10, HHL10, LFM12, MLK+06, PCK08, SCSG05, WK05a, ZNWK12]. **distal** [RTPG11]. **Distance** [AL15, BYB18, KCK+18, LWK18, MD05, PKCR05, FR08, FLKB07, GNP+10, KTCR09, NAB+11, NZG+11, RBCK12, SCRTW05, WCCRT09, ZNWK12]. **Distances** [GRM+21, LLBM15]. **Distinctiveness** [BGL+08, OEMO16]. **Distinguishing** [SNW16]. **Distortion** [AW15, KBP+13]. **Distortions** [DK19, CLR10]. **distractions** [MBG09]. **DNN** [DK19]. **Do** [EBA+21, RDF11, SB12]. **Doel** [vdD05a]. **Does** [AAZMF21, DBR21, DFJ+20, GNP+10]. **Dome** [GATM18]. **don't** [HU11]. **dots** [LPHL05]. **Down** [MGM16]. **Drawing** [PD17, SDW05]. **Drawings** [CPVC19]. **driven** [HDH10]. **Driving** [BBE16, BBE22, BDR+21]. **Duration** [CR22]. **Durations** [RTJ+21]. **During** [EBPJ16, BSHW14, FFW07, FCH+07, GTAE04, JWB12, LAE09, MGVM16, VSCM12]. **Dynamic** [APLR17, BBE22, HNT+22, JWA19, KFSN16, EML13, LSRS10, MMS06, NCVW10, RDLTS04].

earcon [MB04]. **earcons** [MB04]. **edges** [AČMS10]. **Editing** [VHBO14]. **Editorial** [Bod21, Int06, MB10, PK07, RB04, RB08, Rus05, Tho07, BO09, CRM09, FL09, HE05]. **Editors** [IG15]. **Editors-in-Chief** [IG15]. **Edwards** [EM05a]. **EEG** [MGM12]. **Effect** [HHNOP19, NP15, RO09, SXCS15, ZHRM15, ZNO+20, AJML13, CWT+05, MJH+09, PJN+11]. **Effectiveness** [KWSS08, PW10, ZCRTW12]. **Effects** [BBE16, BBE22, JLS+17, JOZ+21, KMH+19, KSLM15, LKTH06, LWK18, LMM+22, MSS+22, MR18, NW08, NZG+11, OOAY22, PJGE21, RTJ+21, RRM+16, SMI06, SWA14, EPO11, GTAE04, KTCR09, WCCRT09]. **efficacy** [LPO09]. **efficient** [LZG+13]. **Effort** [KNL22]. **Egocentric** [LLBM15, RBCK12]. **Elastic** [AJML13]. **elasticity** [AJML13]. **electro** [WMA12]. **electro-ocular-graph-based** [WMA12]. **electromyographic** [NJS06]. **Electrostatic** [IOYK19, OOAY22]. **Electrostatic-friction** [OOAY22]. **Elements** [KNL22]. **embodied** [SBR07]. **Embodiment** [EBA+21, KSLM15]. **Embodiments** [AONB17]. **Emotion** [GFD+15, SZ22, MJM+09]. **Emotional** [WKM+15, NTKA12]. **Emotionally** [WKM+17]. **Emotions** [ZHRM15, GEMA13]. **Empirical** [EBPJ16, TNE20, VA05, BSW10].

employing [MRT+10]. **Emulating** [ECOG11]. **Enabling** [SGS+11]. **encoded** [WMS08]. **Engine** [PMS17]. **enhance** [RVSP09]. **Enhanced** [HAHG17, BC05, Bre05]. **Enhancement** [ABK+15, MI07]. **Enhancing** [KSM+05, PCK08, ZAAC12]. **enough** [ONS12]. **entities** [SMS13]. **Entropy** [KDS+15, ZZ13]. **Environment** [AL15, GATM18, JOY+18, RSM+15, APP07, LSRS10, MTCR+07, MRT+10, RPH10, WBN+11]. **Environments** [BSHW14, BYB18, EBPJ16, GWFL22, HHNOP19, JKB17, KPR22, LRB15, RBC14, RRM+16, SXCS15, BB13, BSVDD10, FFW07, FCH+07, FLKB07, GNP+10, HBW11, JWB12, KBP+13, KCRT08, LPO09, LBWP07, MBCW10, MC05, NAB+11, NZG+11, PK07, PI08, PKCR05, RBCK12, SCRTW05, SAB07, SGS+11, WCCRT09, WNW+07]. **error** [LPO09]. **errors** [RO09]. **Establishing** [TUG+20]. **Estimating** [GRM+21, RDLTS04]. **Estimation** [BYB18, FLKB07, LZL17, RNLH16, GDBP13, GNP+10, LXXB10, NW08, RLH+08]. **Estimations** [RNLH16]. **EuroHaptics** [HE05]. **Evaluating** [APK15, ALN+21, AK16, BGK17, HBK+21, HHO05, HCKH16, KPSL10, KYL+07, LCC15, MJH+09, RLV+10, SD22, WBCB08, ZCRTW12, BMGC05]. **Evaluation** [BMB19, BM05, BTDB20, BB21, EML13, EBPJ16, JDR08, LPT+06, MLK+06, MR18, RTSW18, VGBF10, VHBO14, WBC+07, WBN+11, ZYZ+17, AR08, BBD+09, BC05, DFZ+05, HJ07, HDH10, LME10, SGF+10]. **evaluations** [NCVW10]. **event** [LZG+13]. **Events** [DFJ+20]. **Evidence** [WAH+15]. **EvoFIT** [FHC04]. **evoked** [KWI09, MAYKM13]. **evolutionary** [FHC04]. **Examining** [DBR21]. **Example** [CSUN05, KHH17, SD22]. **Example-Based** [CSUN05, KHH17, SD22]. **exerting** [DFZ+05]. **expect** [SB12]. **Experience** [RKP22]. **experiences** [VSCM12]. **experiment** [RPH10]. **Experimental** [ARAP+18, WK05a]. **Experiments** [OR04, GB08, WMVO05]. **Experts** [DCRS15]. **exploiting** [HCS10]. **Exploration** [PJGE21, Ste15]. **exploratory** [CWB10]. **explore** [HBW11, WBN+11]. **Exploring** [AZ10, Fer19, GWFL22, McN06, NOSS17, ZHRM15]. **Exposure** [SWA14]. **Expressibility** [AONB17]. **expressionism** [SMO+10]. **Expressions** [CKWB05, NP15, GEMA13, KWI09, WBC+07, WBCB08]. **Expressive** [ZMM19, MDR10]. **Expressiveness** [DCRS15]. **Extended** [EKL+21, ZLO13]. **Extension** [JKB17]. **extraction** [WBNF06]. **Eye** [DKM21, LLBM15, PK20, RKS16, KVJG10, LFM12, LME10, MP09, NTKA12, TCMH11]. **eye-tracking** [LME10]. **Eyeball** [JDKN18]. **eyegaze** [AMR06].

Fabric [KHH17]. **Face** [FWN+14, FZL20, HBK+21, NP15, VCA16, ZC06, BS06, OAD+12, PJN+11, SB12, ZLO13]. **faces** [BGL+08, TGJ08]. **Facial** [CXZ14, CKWB05, FKM17, FMM21, HCKH16, NP15, FHC04, KWI09, NJS06, SB12, VSCM12, WBC+07, WBCB08]. **Facilitate** [ABK+15, AC11]. **facilitated** [RFR09]. **facilitation** [BGW11]. **factors** [RSPA+06]. **False** [AK16]. **familiarity** [ZLO13]. **fast** [ONS12]. **faster** [LZG+13]. **faster-than-real-time** [LZG+13]. **feasibility** [LPHL05]. **Feature** [BH17, FMM21, GBA17, PK20, WKM+17, ZLQ+19, CKWB06]. **Feature-Based** [GBA17]. **Features** [FKM17, ZC06]. **FechDeck** [Fer19]. **Feedback** [ARAP+18, BCB20, BB21, EBPJ16, FZL20, KBL14, PTP14, AZ10, KL06, LKTH06, LBWP07]. **feedback-controlled** [LBWP07]. **Fernström** [Fer05]. **Fidelity** [APK15, BTDB20, HCS10, McN06, MRT+10]. **Field** [AAZMF21, BB21, CKAD18, JKB17, WC22,

WRHS18, ZOH+15, BTDB20, LPR06, NAB+11, WCCRT09]. **Field-of-View** [AAZMF21, JKB17]. **Film** [WAH+15, CST+10]. **Films** [BH17]. **Filter** [Fau17]. **Filtering** [WRHS18]. **finger** [TSRD07]. **First** [DFZ+05]. **Fitt** [BTDB20]. **Fixations** [PHRE15, KVJG10, MP09, SMS13]. **fixed** [LPO09]. **FixTag** [MP09]. **flow** [PW10]. **Flowers** [FTB05]. **Focal** [DBR21, KDK+16]. **Focused** [CYK+21]. **Foot** [JSCR+15, SHBK05]. **Force** [ARAP+18, CWT+05, PTP14, BSH+06, DFZ+05, KL06, LKTH06, VGBF10]. **force-feedback** [KL06, LKTH06]. **forward** [BSPB10]. **foundations** [FRC10]. **foveal** [TGT+09]. **Foveated** [APLK17, WRHS18]. **Frame** [WAH+15]. **Frame-Rate** [WAH+15]. **framework** [Bar05a, Bar05b, FSG09, MMS06, YBC13]. **FrankenFolk** [OEMO16]. **frequency** [DRT07, LPEP12, ZC06]. **Friction** [IOYK19, OOAY22]. **frontal** [SB12]. **frowning** [SII04]. **Full** [GFD+15, NP15, PMS17]. **Full-Body** [GFD+15]. **Full-Face** [NP15]. **Function** [DBR21]. **Functional** [WNW+07]. **functions** [FCH09]. **fused** [DCN+06]. **Fusion** [ZLQ+19].

gain [LPO09]. **Gains** [RKP22]. **Game** [ALN+21, KDCM15, PMS17]. **Games** [FKM17, BSW10]. **Gap** [JSCR+15]. **Gaze** [BSHW14, BH17, KDS+15, WPDH14, WMA12, BSW10, ENC+08, FCH09, HU11, KPAA10, MBG09, MDT09, NVW13, PI08, WWA11]. **gaze-based** [ENC+08]. **Gaze-contingent** [WMA12, MDT09]. **Gaze-to-Object** [BSHW14]. **Gazing** [SII04]. **Gender** [FCH+07, ZHRM15, ZNO+20]. **Generated** [FWN+14, HBF16, SGHL+19, JOZ+21, WBC+07]. **Generating** [SDBRC13]. **Generative** [KVDE19]. **Geometries** [VVC+22]. **Gestural** [CBB+14]. **Gesture** [BDR+21, LMM+22, MSHLR16, AZ10, MM13]. **Gesture-Sound** [BDR+21]. **gestures** [RM12]. **get** [HU11]. **Glare** [MGVM16]. **glideslope** [KPAA10]. **Global** [KPDP19, WL21, HFJS09, VSWB07]. **Glossiness** [GSW+21]. **Glyphs** [MW15, Ste15]. **Grade** [VCA16]. **gradient** [RTPG11]. **Graph** [SMS13, WMA12]. **Graph-based** [SMS13]. **Graphics** [FL09, NFD+21, TUG+20]. **graphs** [NW08, WM08]. **Grasping** [ALN+21]. **Gröhn** [GLT05a]. **grounding** [YB04]. **Guest** [BO09, CRM09, FL09, Int06, Rus05, Tho07]. **Guidance** [GWFL22, GATM18]. **guided** [HCS10]. **Guidelines** [WC22, CST+10].

Hair [RTSW18]. **Hand** [Fer19, KPR22, RVH+19, SHHF+22, WTWN16, AAM08, VGBF10]. **hand-arm** [VGBF10]. **hand-held** [AAM08]. **Handles** [SCM18]. **Handling** [MO09a]. **Handwriting** [VVC+22]. **Haptic** [BSH+06, BCD15, BB21, CYK+21, EBPJ16, RTJ+21, SHHF+22, SXCS15, AJML13, BTDB20, CWT+05, CKWB06, CWB10, DKR+05, GEMA13, HDH10, JSHG08, KSM+05, LBT08, PDZ05, RFR09, SHBK05]. **HapticWalker** [SHBK05]. **Harmony** [MP20]. **HDR** [APK15, AK16, KYL+07, SDBRC13]. **Head** [BBE22, EKL+21, JWA19, JKB17, LCC15, LLBM15, MD05, NMVRB20, WRHS18, JWB12, LAE09, RPH10, WCCRT09, ZNWK12]. **Head-Mounted** [EKL+21, LLBM15, MD05, WRHS18, BBE22, JWA19, NMVRB20, WCCRT09, ZNWK12]. **Head-Worn** [JKB17]. **Heading** [APP07, KBL+06]. **Heads** [CMR+05]. **Headsets** [DKM21]. **Height** [LLBM15]. **held** [AAM08]. **Help** [ASG21]. **Hermann** [HR05b]. **Hero** [KHW+15]. **heuristics** [BSW10]. **High**

[APLR17, HNT+22, KDCM15, EML13, HCS10, HR05a, MMS06, NCVW10]. **high-dimensional** [HR05a]. **High-Dynamic-Range** [APLR17, EML13]. **high-fidelity** [HCS10]. **High-Level** [KDCM15]. **Higher** [WAH+15]. **Highlighting** [KM17]. **History** [DBR21]. **HMD** [BYB18, KTCR09, LRB15]. **HMD-Based** [BYB18, LRB15]. **HMDs** [LWK18]. **holes** [LBT08, VVHV10]. **holistic** [FHC04]. **Horizon** [MD05]. **HTC** [KCS17, KKC19]. **HTTP** [BMB19]. **HTTP-based** [BMB19]. **Human** [ASG+18, DK19, FWN+14, HBK+21, KMH+19, KM17, KVDE19, LDDR18, NOSS17, SK18, SNW16, SZ22, TVR+11, UHWT21, DKR+05, ECOG11, HJO+10, JSG09, KVJG10, LZG+13, SII04, TJL+11, VGBF10]. **Human-inspired** [TVR+11]. **Human-Machine** [KM17]. **Human-Perceived** [LDDR18]. **Human-Robot** [SK18]. **Humans** [ZHRM15, ZMM19, OAD+12, SB12]. **Hybrid** [MDT09]. **Hypothesis** [CXZ14].

ICAD [Bar05a, BM05, Bre05, BS05a, EM05a, Fer05, FTB05, GLT05a, HR05b, MPC05, SCS05, Vic05, WK05b, vdD05a]. **Icon** [CR22]. **Icons** [SJ18]. **Identification** [BFSV16, HBF16, RTJ+21, HJ07, NW08, TSRD07]. **Identifying** [BOK10, TGJ08, MP09]. **Identity** [HBK+21]. **Identity-Masking** [HBK+21]. **II** [LKTH06]. **illumination** [DCR06, HFJS09, LXXB10, YCK+09]. **Illusion** [Kaw19, RVH+19, SHHF+22, AR08, RVSP09]. **Illustrations** [SGHL+19]. **Image** [AW15, BPFP16, FB05, NG06, PMS17, RNLH16, LAE09, MDT09, RLH+08, RLV+10, SDBRC13, SLW+11, TGT+09, WMS08]. **image-processing** [RLV+10]. **Image-Quality** [RNLH16]. **image/model** [MDT09]. **image/model-based** [MDT09]. **imagery** [McN06, ONS12]. **Images** [ABK+15, CSUN05, DK19, FWN+14, GBA17, Kaw19, MMSO15, TCGC19, WBHP20, AJML13, DCN+06, MI07, MMS06, MO09a, NCVW10, SDBRC13, SMI06, WP10]. **Imaging** [APLR17, FHC04]. **Immersive** [EBPJ16, GWFL22, GATM18, HNT+22, JOY+18, KSLM15, JWB12, KS12, KCRT08, LSRS10, MBCW10, MC05]. **Impact** [KHKP15, MP20, NMVRB20, WTWN16, MM13]. **Impaired** [RL17, DKR+05]. **Impairments** [BPFP16]. **Impede** [AAZMF21]. **Implications** [GMT09]. **implicit** [HMS09]. **importance** [BAMB13]. **Important** [ZMM19]. **Impressionism** [SMO+10]. **Impressions** [MSS+22]. **Improving** [DKR+05, HBF16, KCK+18, KM17, KMHO13, PTP14]. **Inconsistencies** [TLS+15]. **Inconsistency** [KMH+19]. **Index** [LZL+18]. **indicators** [SCRTW05, ZCRTW12]. **indirect** [YCK+09]. **Individual** [DCRS15, RNLH16, ZCRTW12]. **Indoor** [RL17]. **Induced** [LZL+18, SHHF+22, RVSP09]. **Industry** [ASG+18]. **Inertial** [SK18]. **Influence** [CKAD18, EBA+21, FKM17, LZL17, RSM+15, SS19, VSKL17, BSH+06, NTKA12, RSPA+06, YCK+09]. **Influences** [HCKH16, MGM16, BB13]. **Information** [GHS+20, KT21, BSH+06, FSG09, KPSL10, VCR08, VSWB07, YBC13]. **information-theoretic** [FSG09]. **infrared** [KWI09]. **Initial** [KVE16]. **Inking** [VVC+22]. **Input** [VVC+22]. **Insights** [AMR06]. **inspired** [TVR+11]. **Integrating** [AC11]. **integration** [FCH+07]. **Intelligent** [WKM+17]. **Intensity** [CYK+21, NP15]. **Intentions** [KHW+15, MDR10]. **Inter** [RTJ+21]. **Inter-Phoneme** [RTJ+21]. **Inter-Word** [RTJ+21]. **Interaction** [DKM21, EBPJ16, MSHLR16, VSKL17, SII04]. **Interactions** [KBL14]. **Interactive** [FZL20, HHNOP19, KHH17, Ste15, AASH+12, PI08, TSC13, WB04, ZZ13].

Interface [BDR+21, PD17, AAM08, LBWP07, YB04]. **Interfaces** [EKL+21, VCA16, AZ10, GMT09]. **interference** [HBW11]. **Interferences** [PD17]. **Interlacing** [HOH15]. **Interleaved** [HAHG17]. **internal** [RDLTS04]. **international** [KW05]. **interpolation** [SLW+11]. **Interpretation** [RLH+08]. **Interpretation-based** [RLH+08]. **Interprets** [CR22]. **Interval** [RTJ+21]. **Interventions** [ABK+15]. **Intrinsic** [SZ22]. **Introduction** [BT16, GS13, GGFE20, HC19, JO21, KMS15, MS12, RK18, SBC22]. **Intuitiveness** [LSRR13]. **Invasive** [LZL+18]. **inverse** [WH08]. **Investigating** [AONB17, HHL10, MJM+09, VVC+22, WKM+15, ENC+08]. **investigation** [HFJS09]. **isotropic** [HVM06]. **Issue** [BT16, GGFE20, HC19, JO21, KMS15, RK18, SBC22, FL09, GS13, HE05, MB10, MS12]. **ITMOs** [APK15].

Jitter [JDKN18]. **Joint** [JOY+18, SK18, SMS13, TSRD07]. **joint-angle** [TSRD07]. **Jointly** [ZYJ+22]. **JPEG** [SMI06]. **Judging** [DCRS15]. **Judgments** [LWK18, LRB15, KTCR09, KMHO13, SAB07, WCCRT09, ZNWK12].

Keep [JWA19]. **kinematics** [WMVO05]. **Kramer** [WK05b].

Lamps [KFSN16]. **language** [TVR+11, YB04]. **Latency** [APLK17, BBE16]. **lateral** [DFZ+05, LPHL05]. **Laughter** [NP15]. **Law** [BTDB20]. **LDR** [SDBRC13]. **Lead** [AAM08]. **Lead-me** [AAM08]. **Learning** [AAZMF21, LMM+22, PK20, PVK20, RVB13, SZ22, DKR+05, GBLR10, KS12, KWSS08, YB04, ZAAC12]. **Learning-based** [SZ22]. **learns** [KS12]. **Ledge** [LRB15]. **less** [KBP+13]. **Level** [FB05, KDCM15, PDZ05]. **level-of-detail** [PDZ05]. **Leveraging** [KT21]. **Light** [KPDP19, LWK18, VSKL17]. **Light-Material** [VSKL17]. **Lighting** [TLS+15, BAMB13, NCVW10, TGJ08]. **Lightness** [APLR17]. **limb** [BOK10]. **limits** [HS12, LPR06]. **Line** [TUG+20]. **Linear** [KHJK13, MW15, SB12]. **Linearities** [TCP+14]. **Lines** [TG19]. **Linguistics** [PK20]. **link** [WB04]. **liquid** [vdD05b]. **Listener** [CR22]. **listeners** [RPH10]. **Listening** [PD17]. **LMA** [KNL22]. **Load** [LZL+18, ZLQ+19, HMS09]. **Local** [VSWB07, AJML13, Lav09]. **Localization** [WPDH14]. **Location** [RL17]. **Locomotion** [ASG+18, KCRT08, LBWP07, MTCR+07]. **locomotor** [WWA11]. **LOD** [DBS+09]. **Logos** [ZYZ+17]. **Lokki** [GLT05a]. **Long** [SWA14]. **Long-Term** [SWA14]. **Longitudinal** [RKP22]. **look** [HU11]. **Looking** [PHRE15]. **Low** [CYK+21, FB05]. **Low-Level** [FB05]. **LSB** [WMS08]. **LSB-encoded** [WMS08]. **lumigraphs** [MO09b].

Machine [KM17, SNW16, SZ22]. **Magnitude** [HCKH16, VGBF10]. **Make** [KFSN16]. **Making** [SGF+10]. **Malformation** [ABK+15]. **management** [DBS+09]. **manipulate** [KS12]. **Manipulated** [JLS+17]. **Manipulating** [CKWB05]. **Manipulation** [FMM21, SK18, FM05, NVW13]. **Manipulations** [BDR+21, LLBM15]. **Manual** [USA20]. **Manufacturing** [ASG+18]. **map** [ZAAC12]. **Mapped** [GBA17]. **Mapping** [BSHW14, GWFL22, AG06, GB08]. **Mappings** [WK05a]. **Maps** [AK16]. **Marking** [KW05]. **Masking** [HBK+21, Lav09]. **Mass** [SK18]. **Material** [BCS17, VSKL17, BSVDD10, HJ07]. **Materials** [FK19, FB05, DFJ+20]. **mathematical** [KHJK13]. **Matters** [RKP22]. **maximized** [LZG+13]. **McGurk**

[CMR+05]. **McNamara** [Fer05]. **Me** [ASG21, AAM08]. **Meaning** [CR22]. **Means** [PTP14]. **Measure** [LDDR18, HMS09, Lav09]. **Measurement** [LZL+18, GNP+10, KBL+06, KWI09]. **Measurements** [ÆÁP+22]. **Measures** [TNE20, McN06]. **Measuring** [ZLO13]. **mechanical** [WCCRT09]. **mechanically** [VVHV10]. **mechanics** [WH08]. **Mechanisms** [WL21]. **media** [SGA+07]. **mediation** [KWSS08]. **memory** [MRT+10]. **Mesh** [KVJG10, FSG09]. **Meshes** [GVC+17, Lav09]. **Message** [IG15]. **metaphors** [WK05a, WK05b]. **Method** [MMSO15, USA20, BB13, GNP+10]. **Methodology** [AK16, EM05b]. **Methods** [CMR+05, DCN+06, GATM18, HBK+21, KCK+18, NFD+21, JDR08]. **Metric** [GBA17, RKC+22]. **Metrics** [PMS17]. **Mid** [SHHF+22]. **Mid-air** [SHHF+22]. **Mimebot** [AONB17]. **Miner** [MPC05]. **Minification** [ZNWK12]. **mirrors** [AC11]. **Mismatch** [BTDB20, BB21]. **Mitsopoulos** [EM05a]. **Mixed** [IOYK19]. **Mobile** [DKM21, KBL14, MSHLR16, ONS12, WWA11]. **Modalities** [PD17, TMM17, VVC+22]. **Mode** [EKL+21, NP15]. **Model** [HR05b, KHKP15, SJ18, WL21, ZLQ+19, HVM06, KHJK13, LPT+06, SB12, SVHS06]. **Model-Based** [SJ18, HR05b, MDT09]. **Modeling** [APLR17, KPL+19, SBR07, SZ22, TJL+11, TCMH11, WWA11, PW10]. **Models** [APK15, CMR+05, HHO05, KVDE19, NVW13, VSKL17, KBP+13, RDLTS04, vdD05b]. **Moderate** [OOAY22]. **Modes** [ALN+21]. **modification** [LBT08]. **mono** [WP10]. **monocular** [EML13]. **Moral** [FKM17]. **Morphing** [KT21]. **Morse** [PVK20]. **Motion** [AWR18, HCKH16, JAA+16, JLS+17, KHW+15, MSHLR16, NOSS17, OEMO16, VHBO14, WTWN16, WB04, ZHRM15, ZNO+20, BSPB10, BOK10, CLR12, DRT07, FLKB07, JWB12, LPR06, LAE09, MJH+09, MAYKM13, MTCR+07, NCSG11, NGJT13, RSPA+06, RFR09, RVSP09, TSRD07]. **motion-field** [LPR06]. **motivated** [CST+10, SLW+11]. **Motor** [BB21, LMM+22]. **Mounted** [EKL+21, LLBM15, MD05, WRHS18, BBE22, JWA19, NMVRB20, WCCRT09, ZNWK12]. **Mouse** [BFSV16, KL06]. **MovEcho** [BDR+21]. **Movement** [GFD+15, KVDE19, LMM+22, HCS10, LAE09]. **Movements** [BFSV16, RKS16, NTKA12]. **Moving** [RVSP09, RBCK12]. **MR** [ABK+15]. **Multi** [ZLQ+19]. **Multi-Feature** [ZLQ+19]. **Multidimensional** [CWB10]. **multimedia** [BJK13]. **Multimodal** [BWG12, LCC15, RM16, TG19, TUG+20, GMT09, YB04]. **multiple** [AC11, LSRS10]. **multiscale** [LPT+06]. **multivariate** [RLV+10]. **multiview** [HHL10]. **muscles** [NJS06]. **Music** [DCRS15, MP20, SZ22, WKM+15, WKM+17, AZ10, MDR10]. **Musical** [LMM+22, MGM16, PD17, VA05, WKM+17]. **My** [ASG21].

Natural [RM16, SVHS06, TGT+09, VSWB07, WMS08, WP10]. **natural-image** [TGT+09]. **Naturalness** [EBA+21, KVDE19]. **Navigation** [USA20, GBLR10, GLT05b, MLK+06, VVJD05]. **Near** [BTDB20, BB21, NAB+11, KWSS08]. **Near-Field** [BB21, BTDB20, NAB+11]. **Negative** [LPO09, KWI09]. **Network** [HBK+21, TCGC19]. **networks** [NJS06]. **Neural** [HBK+21, PW10, TCGC19, NJS06]. **Night** [KRV+14]. **Nighttime** [MGVM16]. **NMF** [ZLO13]. **node** [WB04]. **Non** [AONB17, FKM17, LZL+18, TG19]. **Non-Invasive** [LZL+18]. **Non-player** [FKM17]. **Non-Verbal** [AONB17]. **Non-visual** [TG19]. **nonvisual** [EM05b, JSHG08]. **normal** [DKR+05]. **novel** [AJML13, DFZ+05, SHBK05, WMVO05]. **Numerical** [UHWT21]. **Numerically**

[RDLTS04]. **numerosity** [GDBP13].

Object [BSHW14, CKWB06, HU11, SK18]. **Objective** [GVC+17]. **Objects** [KFSN16, LDDR18, CA13, NGJT13, RDLTS04]. **O'Brien** [AR08]. **observers** [ECOG11]. **Obstacle** [FFW07]. **occluders** [MO09a]. **ocular** [WMA12]. **Oculomotor** [KHKP15, KHJK13]. **off** [LRB15]. **Offsets** [KPR22]. **Olfactory** [NMVRB20, RBC14]. **omnidirectional** [SGS+11]. **omnistereoscopic** [CLR10]. **On-Air** [VVC+22]. **Online** [WPDH14]. **Onset** [BCB20]. **operator** [GB08]. **operators** [AR08, AG06]. **Optical** [EKL+21]. **optically** [VVHV10]. **Optimal** [ONS12]. **Optimizing** [BS05b, BS05a, WC22]. **organization** [MDR10]. **orientation** [RPH10, ZCRTW12]. **other** [PJN+11]. **other-race** [PJN+11]. **Outdoor** [TLS+15].

pace [TSC13]. **painters** [SMO+10]. **painting** [ZZ13]. **Paintings** [ZYJ+22]. **pairs** [SDBRC13]. **palette** [BC05]. **panoramas** [CLR12]. **panoramic** [MO09a]. **Parallax** [BB21]. **Parallel** [ÆÁP+22]. **Parameter** [Fau17]. **Parameters** [KHKP15]. **Parametric** [LPEP12]. **part** [FBT05]. **participating** [SGA+07]. **Password** [ASG21]. **path** [FCH+07, HHL10, KBL+06]. **path-searching** [HHL10]. **patients** [APP07]. **Pedestrian** [JOY+18, EPO11, SAB07]. **Pedestrians** [RL17]. **people** [KS12]. **Perceivably** [JAA+16]. **Perceived** [BMB19, CKAD18, EBA+21, KBL14, KCS17, KVDE19, KSLM15, LDDR18, RKC+22, SMI06, WKM+15, ZOH+15, BB13, DRT07, KBL+06, KL06, LKTH06, MJH+09, WP10]. **Perceiving** [AJML13]. **Perception** [ARAP+18, AWR18, BFSV16, BB21, CBB+14, CXZ14, CPVC19, CLR12, FWN+14, FZL20, FB05, FL09, GSW+21, GFD+15, HBK+21, JOZ+21, KPDP19, KCK+18, LAE09, MI07, MD05, NP15, RM12, SK18, SNW16, SLW+11, TLS+15, TMM17, TG19, TGT+09, VVHV10, ZHRM15, ZMM19, AASH+12, BSVDD10, Can09, CA13, CWT+05, ENC+08, FR08, KBP+13, MJM+09, MMS13, NAB+11, NZG+11, OR04, PKCR05, RBCK12, RSPA+06, RDF11, SCRTW05, TJL+11, YBC13]. **Perception-Action** [BB21, JOZ+21]. **Perception-Based** [BFSV16, KPDP19, MI07]. **Perception-motivated** [SLW+11]. **Perceptions** [HCKH16, YB04]. **perceptive** [BBD+09]. **Perceptual** [APLR17, AR08, AW15, BSH18, BAMB13, EM05a, EPO11, FK19, HBM+14, JDKN18, KMH+19, KNL22, LPR06, MM13, MAYKM13, MDR10, MR18, NCSG11, SCSG05, SGF+10, SGA+07, TGG+20, VCR08, VHBO14, WC22, YCK+09, ZB17, Bar05b, BMGC05, JSG09, MMS06, McN06, MO09a, MO09b, NG06, PCK08, RO09, WBCB08, WH08, WMVO05, ZZ13]. **Perceptually** [CST+10, CMR+05, Fau17, HCS10, KFSN16, LCC15, HVM06]. **Perfect** [KBL14]. **Performance** [BTDB20, DBR21, DK19, DKR+05, GTAE04, HHL10, KBL+06, MBG09, MDR10, RLV+10]. **Performances** [DCRS15]. **Peripheral** [LWK18, LVV+20, DBS+09, TGT+09]. **Periphery** [BCS17]. **Persistent** [JOZ+21]. **Personal** [WAEG06]. **Personality** [GFD+15, HCKH16, WTWN16]. **Perspective** [NOSS17]. **phenomena** [BAMB13]. **Phoneme** [RTJ+21]. **Phonemic** [RTJ+21]. **Phonemic-Based** [RTJ+21]. **Photo** [FWN+14, KPL+19]. **Photoplethysmogram** [ZLQ+19]. **Photoplethysmogram-based** [ZLQ+19]. **Photorealism** [ZMM19]. **Phrases** [RTJ+21]. **Physical** [EBPJ16]. **Physically** [vdD05b]. **physics** [vdD05a]. **physiological** [VSCM12]. **Picking** [KVE16]. **pictorial**

[WP10]. **Pilot** [KPAA10]. **Ping** [DFJ+20]. **pipe** [FR08]. **pipeline** [BSW10]. **place** [WBN+11]. **places** [TKK+13]. **planar** [MMS13, RM12]. **Planning** [ABK+15]. **Plant** [KHKP15, KHJK13]. **plasticity** [SCSG05]. **platform** [BSPB10]. **plausible** [SVHS06]. **player** [FKM17]. **Point** [AWR18, NW08]. **point-estimation** [NW08]. **Pointing** [WP10]. **polar** [ZC06]. **Polarized** [HAHG17]. **Pole** [LRB15]. **Polygonal** [HHO05]. **Polyhedral** [CPVC19]. **Pong** [DFJ+20]. **poorer** [TGT+09]. **populations** [DKR+05]. **portable** [MP09]. **Portraits** [HBF16]. **Portrayal** [FMM21]. **Posed** [TCP+14]. **position** [KS12, TSRD07]. **positive** [KWI09]. **possibility** [RFR09]. **Possible** [LLBM15]. **potential** [HBW11]. **Precedence** [WL21]. **Predict** [KHW+15, PI08]. **predicted** [KBP+13]. **Predicting** [HHO05, KVDE19, PK20]. **Prediction** [SZ22, BSW10, LPT+06]. **predictions** [RDF11]. **Predictive** [BCD15]. **Predictor** [KDCM15]. **Prefer** [WAH+15]. **Preference** [PJGE21, TKK+13, FCH+07]. **preferences** [GTAE04]. **Presence** [LVV+20, MBG09]. **Presentation** [AL15, BCB20, NP15, GNP+10, WMA12]. **Presents** [IOYK19]. **Press** [KBL14]. **pretended** [KWI09]. **Primary** [WL21]. **Primitive** [KVDE19]. **principled** [EM05b]. **principles** [MB04, YBC13]. **Printed** [Kaw19]. **private** [BCB20]. **problems** [WH08]. **procedures** [CWB10]. **processing** [MMS06, RLV+10]. **Product** [SS19]. **profile** [SB12]. **Profiles** [TUG+20]. **Program** [BGK17, Vic05, VA05]. **Projection** [KFSN16, KBP+13]. **Propagation** [RRM+16]. **Properties** [HNT+22, BSVDD10, WCCRT09]. **Proposed** [AK16]. **proprioception** [BOK10]. **Prosody** [EBA+21]. **prosthesis** [BOK10]. **protocol** [GNP+10]. **Providing** [BCB20]. **Proxemics** [LSRS10, KS12]. **proximal** [RTPG11]. **proximal-distal** [RTPG11]. **Proximity** [ZNO+20]. **pseudo** [AJML13, LBT08]. **pseudo-haptic** [AJML13, LBT08]. **Psychoacoustic** [RRM+16]. **psychophysical** [HFJS09]. **psychophysically** [SVHS06]. **Psychophysics** [Fer19, TGJ08]. **PTRM** [RKC+22]. **Public** [BCB20]. **pulling** [AAM08]. **Pupil** [JDKN18]. **purposes** [MAYKM13].

Qualities [GFD+15, BMGC05]. **Quality** [BPFP16, BMB19, DK19, GBA17, GVC+17, KBL14, NFD+21, PMS17, RNLH16, SGHL+19, VSKL17, NCVW10, RLH+08, RLV+10, SMI06]. **Quantification** [CYK+21]. **Quantifying** [MRT+10, SGHL+19, WBHP20, WP10]. **Quantity** [MW15]. **queries** [WB04].

race [PJN+11]. **radiologist** [AMR06]. **Range** [APLR17, HNT+22, EML13, MMS06, NCVW10]. **ranking** [SVHS06]. **rapid** [WB04]. **Rate** [WAH+15]. **ratings** [CKWB06]. **Ratio** [IOYK19]. **Reaches** [RSM+15]. **Reaching** [EBPJ16]. **reading** [BWG12, GTAE04]. **reading-related** [GTAE04]. **Real** [ASG+18, Can09, EBPJ16, FK19, LFM12, FFW07, GNP+10, LZG+13, McN06, NAB+11, NCVW10, ONS12, PK07, PKCR05, SCRTW05, SGF+10, WBC+07, WNW+07]. **Real-time** [LFM12]. **Real-world** [Can09, FK19, WBC+07]. **Realism** [FWN+14, OOAY22, RKC+22, SD22, BB13, ENC+08, WBCB08]. **Realistic** [CMR+05, FMM21, VHBO14]. **Reality** [ASG+18, APLK17, AL15, BTDB20, GRM+21, JLS+17, KCK+18, KKC19, KSLM15, LVV+20, NFD+21, RKP22, RVH+19, RM16, SHHF+22, VVC+22, WC22, ZMM19, ZNO+20, APP07, AG06, HFJS09, KS12, KWSS08, KMHO13, MBCW10, ONS12, RSPA+06, RVSP09,

RVB13, SDW05, WAEG06]. **Recalibration** [KCRT08]. **Recognition** [RKS16, VCA16, BS06, BWG12, JSHG08, MB04, OAD+12, ONS12, PJN+11, SMO+10, TVR+11, ZC06]. **Reconstructing** [BFSV16]. **Recovery** [ARAP+18]. **Redirected** [HBW11]. **Reduce** [AAZMF21, LLBM15]. **reducing** [LFM12, LPO09]. **Reduction** [MGVM16]. **redundancy** [TVR+11]. **Reference** [PMS17]. **Reflected** [LZL+18]. **Reflection** [TGG+20]. **Reflections** [Fer05]. **reflexlike** [RVB05]. **Region** [BS06]. **Region-based** [BS06]. **Regularities** [NOSS17]. **regulate** [VSCM12]. **regulation** [LSRR13]. **Reinforcement** [KS12]. **Related** [KPR22, GTAE04]. **Relationship** [SZ22]. **Relative** [LZL17, KMHO13, WP10]. **Remember** [ASG21]. **Remote** [RL17]. **Rendered** [FMM21]. **Rendering** [APLK17, JWA19, RTSW18, BGW11, BAMB13, BBD+09, HCS10, HDH10, JSG09, KYL+07, MDT09, NCSG11, PDZ05, PW10, SGA+07, KL06]. **replication** [RM12]. **representation** [LPEP12]. **representations** [BS06, WNW+07]. **Representing** [MW15]. **Reproducing** [RM16]. **Reproduction** [BSH18, AR08]. **Requirements** [APLK17, GHS+20]. **resampling** [FCH09]. **resistive** [KL06, LKTH06]. **resolution** [GMT09, HS12]. **resonators** [OR04]. **Response** [BB13, LZL+18]. **Responses** [OOAY22, NAB+11]. **Restriction** [AAZMF21]. **resulting** [MTCR+07]. **Retargeting** [KRV+14]. **Retrieval** [FZL20, NG06]. **reversals** [NW08]. **Review** [TNE20]. **revisited** [HR05b]. **Rhythmic** [WKM+15]. **Ritter** [HR05b]. **Road** [JOY+18, GB08]. **Roads** [JOZ+21]. **Robot** [SK18]. **Role** [CBB+14, DCRS15, GSW+21, BOK10, MJM+09, VSWB07]. **Rotation** [JDKN18]. **Rotational** [RKP22, USA20, KCRT08]. **Roughness** [IOYK19, KL06, Lav09, LKTH06]. **Row** [HAHG17]. **Row-Interleaved** [HAHG17]. **Rubber** [SHHF+22]. **Rules** [RNLH16].

saccade [WMA12]. **Saccadic** [RKS16]. **Salience** [SS19, NTKA12]. **Saliency** [HHO05, KDCM15, LZG+13, FSG09, HJO+10, KVJG10]. **Saliency-maximized** [LZG+13]. **sample** [GDBP13]. **Sampling** [BCD15, HAHG17, ONS12]. **SAP** [BT16, GS13, GGFE20, HC19, JO21, KMS15, MS12, RK18, SBC22]. **Scale** [JSCR+15, NZG+11]. **scaling** [CWB10]. **Scattering** [GSW+21]. **Scatterplots** [Ste15]. **scenario** [BGW11, RO09]. **Scene** [JWB12, MGM16, RM16, TCGC19, AC11, EPO11, MB04]. **Scene-motion** [JWB12]. **Scenes** [TLS+15, ENC+08, NCVW10, SVHS06, VSWB07, WP10]. **Scents** [ASG21]. **schema** [MRT+10]. **schools** [SMO+10]. **science** [KW05]. **scientific** [Bar05b]. **Scotopic** [KRV+14]. **Screen** [BCB20, BB21, CKAD18, JSG09]. **Screen-space** [JSG09]. **Screens** [ZB17]. **Search** [BSHW14, KM17, MBG09, AMR06, BJK13, TVR+11, VCR08]. **Searches** [SS19]. **searching** [HHL10]. **See** [DBR21, EKL+21]. **See-Through** [EKL+21]. **Seeing** [PD17, SB12]. **seen** [WH08]. **Segmentation** [ECOG11]. **Selection** [KPL+19, FSG09, HU11]. **Selective** [Can09]. **Self** [JLS+17, DRT07, RSPA+06, RFR09, RVSP09]. **Self-Motion** [JLS+17, DRT07, RSPA+06, RFR09, RVSP09]. **Selfie** [DKM21]. **Semantic** [LZL17]. **Semantics** [ZYJ+22]. **Semi** [BCB20]. **Semi-private** [BCB20]. **Sensation** [CYK+21, AAM08]. **Sensing** [RL17]. **Sensitivity** [KPR22, MEDO09, RKP22, SWA14, DBS+09, RO09]. **sensorial** [MDR10]. **Sensorimotor** [PD17]. **sensors** [BWG12]. **Sensory** [ARAP+18, BTDB20, BB21, YB04]. **Sensory-Motor** [BB21]. **separation** [SMI06]. **Sequences** [CKWB05, SLW+11]. **Server** [SXCS15]. **Sets** [WKM+17]. **seven**

[BS05b]. **seven-talker** [BS05b]. **sex** [MJH+09]. **Shadow** [HBM+14, Kaw19]. **Shadow-based** [Kaw19]. **Shape** [CA13, DBR21, AASH+12, MJH+09, MJM+09, WBNF06]. **Shapes** [CPVC19, KPDP19, JDR08]. **Shared** [BCB20, SXCS15, LPO09]. **shear** [DFZ+05]. **Shine** [RTSW18]. **Shinn** [SCS05]. **Shinn-Cunningham** [SCS05]. **shiny** [WBNF06]. **Should** [FBT05]. **Sickness** [AAZMF21]. **sight** [MLK+06]. **Sighted** [RL17, RSM+15]. **Sign** [LZL17, TVR+11]. **Signals** [BCD15, NJS06]. **significant** [AČMS10]. **similar** [SCRTW05]. **similarities** [WNW+07]. **similarity** [CKWB06, NG06]. **Simple** [JWA19]. **Simplified** [HHO05]. **simplify** [MP09]. **Simpson** [BS05a]. **simulated** [ENC+08, McN06, VVHV10]. **Simulating** [BSPB10, MGVM16, PHRE15, LBT08, TSC13]. **simulation** [RFR09]. **Simulations** [UHWT21, MRT+10]. **Simulator** [BBE22]. **Simultaneity** [KBL14]. **Simultaneous** [KBL+06]. **Single** [MGM12]. **Single-trial** [MGM12]. **Situations** [MGVM16]. **Size** [CKAD18, JDKN18, JSCR+15, LVV+20, MSS+22, LBT08, OR04]. **Sketched** [CPVC19]. **Sketching** [WBNF06]. **skin** [JSG09, KWI09, LPHL05]. **slip** [WMVO05]. **Smart** [KDCM15]. **Smiles** [TCP+14]. **Sneaking** [KHW+15]. **social** [VSCM12]. **Soft** [HBM+14, KM17]. **Soft-Shadow** [HBM+14]. **Softness** [LDDR18]. **software** [FBT05]. **Soldier** [GHS+20]. **Solid** [MW15, JDR08]. **Solution** [LLBM15]. **sonic** [Fer05, RM12]. **Sonically** [Bre05, BC05]. **Sonically-enhanced** [Bre05]. **Sonification** [GWFL22, LMM+22, WK05b, AASH+12, FM05, FTB05, FBT05, HR05a, HR05b]. **Sound** [BGK17, BDR+21, CBB+14, GDBP13, KW05, MR18, BGW11, FBT05, LPEP12, NGJT13, vdD05a]. **sounds** [MAYKM13, MC05, RVSP09, TSC13, vdD05b]. **Source** [CBB+14]. **Space** [Fau17, GRM+21, KBP+13, KCS17, KSLM15, GLT05b, JSG09, KWSS08, WP10, WAEG06]. **Spatial** [AAZMF21, GWFL22, GBLR10, HOH15, MGM16, SCS05, TCP+14, BS05b, GMT09, HBW11, LPEP12, MBCW10, MLK+06, RVB05, RTPG11, SCSG05, WNW+07]. **spatialization** [MM13]. **spatialized** [BGW11]. **spatiochromatic** [DBS+09]. **spatiotemporal** [KPSL10]. **speakers** [RPH10]. **Special** [BT16, FL09, GGFE20, HC19, JO21, KMS15, RK18, SBC22, GS13, HE05, MB10, MS12]. **specification** [EM05b]. **spectral** [HVM06]. **Specular** [TGG+20, WBNF06]. **Speech** [EBA+21, BS05b, BS05a]. **speed** [LBT08, LSRR13]. **spoken** [YB04]. **Spontaneous** [TCP+14]. **Sport** [GFD+15]. **Spot** [UHWT21]. **Stabilization** [KKC19]. **standard** [FBT05]. **standing** [APP07]. **states** [KWI09, MBCW10]. **Static** [BGK17, KFSN16, LVV+20]. **Statistics** [BCS17]. **Stealth** [KT21]. **steering** [KBL+06]. **steganography** [WMS08]. **Step** [DRT07]. **Stepping** [LRB15, TSC13]. **Stereo** [KRV+14, RSM+15, CLR12, WP10]. **Stereographs** [ZOH+15]. **Stereoscopic** [AW15, AWR18, HOH15, MMSO15, SWA14, WPDH14, WC22, CA13, LFM12, SDBRC13, SMI06]. **Stewart** [BSPB10]. **Stimulation** [LWK18, SHHF+22, VSCM12]. **Stimuli** [IOYK19, NMVRB20, OOAY22, BMGC05, TGT+09]. **stochastic** [MC05]. **stochastic-based** [MC05]. **strain** [LFM12]. **Strategies** [BMB19, GWFL22, RNLH16]. **strategy** [LXXB10]. **Streaming** [BMB19]. **streams** [ECOG11]. **Stress** [LZL+18]. **Stress-Induced** [LZL+18]. **structure** [JSHG08, WP10]. **Structures** [AWR18]. **Strutting** [KHW+15]. **Studies** [BOK10, MMSO15, VA05]. **Study** [ARAP+18, DK19, GFD+15, HBM+14, ENC+08, LBT08, LPHL05, MO09a, PDZ05]. **Stylization** [CSUN05]. **stylized** [WBC+07].

Subconscious [VCA16]. **Subjective** [GVC+17, MSS+22, NFD+21, RTSW18, VSCM12]. **subjects** [APP07, RBCK12]. **subpixel** [GTAE04]. **Substantial** [OOAY22]. **Substitution** [ARAP+18]. **Subsurface** [GSW+21]. **subtle** [MBG09]. **sufficient** [RVB05]. **suggesting** [RFR09]. **Summary** [BCS17]. **Supernumerary** [RVH+19]. **supervised** [LXXB10]. **Support** [MSHLR16, WB04]. **Surface** [BSH18, MMS13, KSM+05]. **surfaces** [CWT+05, WBNF06]. **surrealism** [SMO+10]. **survey** [FRC10]. **symmetric** [SMI06]. **synchronization** [CST+10]. **Synthesis** [SD22, MAYKM13, WH08]. **synthesize** [JDR08, MC05]. **Synthesized** [MR18]. **synthetic** [OR04]. **System** [KHH17, UHWT21, WKM+17, VGBF10]. **Systematic** [TNE20]. **systems** [FRC10, HU11].

Tablet [PD17, TG19]. **Tactile** [BSH18, CYK+21, IOYK19, OOAY22, PTP14, PJGE21, DFJ+20, TUG+20, WH08, DFZ+05, RTPG11, WMVO05]. **tagging** [MP09]. **Takala** [GLT05a]. **talker** [BS05b]. **Talking** [CMR+05, LCC15, MEDO09]. **Target** [GHS+20]. **targeted** [BOK10]. **Task** [BTDB20, HHNOP19, BGW11, Can09, MBG09]. **task-facilitation** [BGW11]. **Tasks** [USA20, AMR06, GTAE04, HHL10, NW08, NVW13, OAD+12]. **Technique** [KFSN16, FHC04, SII04, WMA12]. **techniques** [BMGC05, BBD+09]. **Teleoperation** [PTP14]. **temperature** [KWI09]. **Temporal** [TCP+14]. **Temporally** [KBL14]. **ten** [KW05]. **Term** [SWA14]. **Terrain** [RKC+22, SD22]. **terrains** [TSC13]. **Texture** [IOYK19, KHH17, OOAY22, FCH09]. **Textured** [GVC+17]. **Textures** [BSH18, IOYK19, PJGE21, HVM06, JDR08, KL06, LKTH06, TJL+11]. **their** [FRC10]. **theoretic** [FSG09]. **Thermal** [SJ18, HJ07]. **thin** [CA13]. **those** [NCVW10]. **Three** [TMM17, TGG+20, WM08]. **Threshold** [ÆÁP+22]. **thresholds** [JWB12, VGBF10]. **Throwing** [SCRTW05, VHBO14]. **Time** [KPR22, LPEP12, LFM12, LZG+13, SAB07]. **time-frequency** [LPEP12]. **time-to-contact** [SAB07]. **Together** [JOY+18]. **Tolerance** [AW15]. **Tone** [GBA17, AR08, AG06, GB08]. **tone-mapping** [AG06, GB08]. **tone-reproduction** [AR08]. **Tool** [Fer19, BC05]. **tools** [PI08]. **Top** [MGM16]. **Top-Down** [MGM16]. **torque** [VGBF10]. **Touch** [KBL14]. **Touch-Feedback** [KBL14]. **Touchscreen** [KBL14, TG19]. **TRAC** [USA20]. **trackers** [MP09]. **Tracking** [DKM21, PK20, AMR06, LME10]. **traffic** [BGW11, PCK08]. **training** [LPO09]. **Trait** [FMM21]. **Transfer** [BTDB20, MBCW10]. **transit** [BWG12]. **Transition** [KDS+15]. **transitions** [MO09a, TKK+13]. **Translational** [USA20]. **Translucent** [FB05]. **Transparency** [Fau17, Kaw19, PTP14]. **transparent** [CA13]. **Transport** [KPDP19]. **travel** [BB13, FLKB07]. **treadmill** [LBWP07, MTCR+07, SGF+10]. **treadmill-based** [MTCR+07]. **trend** [NW08]. **trend-identification** [NW08]. **trial** [MGM12]. **triggering** [RVB05]. **Triggers** [VVC+22]. **trimming** [MO09b]. **Tuning** [JOZ+21, SCM18, MO09b]. **tunnel** [APP07]. **Two** [KCK+18, WMVO05]. **two-dimensional** [WMVO05]. **Type** [ZHRM15, CYK+21]. **typicality** [SVHS06].

Ultrasonic [SHHF+22]. **Ultrasound** [CYK+21]. **unattended** [DKR+05]. **unconstrained** [SGS+11]. **Underestimation** [LLBM15]. **Understanding** [KPL+19, MB04, AC11]. **undulation** [KSM+05]. **unified** [FSG09]. **Uniform** [Fau17, FCH09]. **Unmodified** [DKM21]. **Unobtrusive** [GATM18].

unstructured [MO09b]. **Updates** [KT21]. **updating** [RVB05]. **upper** [BOK10]. **upper-limb** [BOK10]. **Urban** [AL15]. **Use** [BGK17, PD17, TUG+20, AZ10]. **used** [HFJS09, JDR08]. **User** [BMB19, BFSV16, BTDB20, EKL+21, FZL20, HDH10, KPL+19, GTAE04]. **User-based** [HDH10]. **Using** [ÆÁP+22, BBE22, DKM21, JSHG08, JSCR+15, KKC19, MW15, MC05, MSHLR16, NMVRB20, PK20, PMS17, RTSW18, SAB07, Ste15, VCA16, ZLQ+19, AR08, BWG12, CKWB06, GDBP13, GBLR10, KWI09, LME10, MBG09, NAB+11, SDBRC13, TSRD07]. **utilizes** [KS12]. **Utilizing** [KHW+15].

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