

Author Index Volume 52 (2016)

Abe, T., see Yashima, K.	(1,2)	503– 509
Adachi, T. and K. Takahara, Analysis and measurement of damping characteristics of linear generator	(3,4)	1503–1510
Adachi, T., see Fujii, A.	(3,4)	1045–1052
Ahagon, A., see Kitao, J.	(3,4)	1425–1432
Ahn, H.-M., S.-Y. Kim, J.-K. Kim, Y.-H. Oh and S.-C. Hahn, Numerical investigation for transient electromagnetic force computation of power transformer during short-circuit condition	(3,4)	1141–1149
Akita, M., see Midorikawa, Y.	(3,4)	1207–1212
Aljarf, S.M., see Tsuchiya, K.	(3,4)	1417–1424
Alshits, V., see Nowacki, J.P.	(3,4)	1305–1311
Amano, H., see Kinugasa, T.	(3,4)	891– 896
An, S., S. Yang, Y. Bai and X. Wu, An improved physical programming method for multi-objective inverse problems	(3,4)	1151–1159
An, Z., see Ma, G.	(3,4)	967– 974
Ando, S., see Higuchi, Y.	(1,2)	67– 72
Ando, S., see Nara, T.	(1,2)	61– 66
Ando, Y., S. Kuroiwa, K. Kobori and I. Murakami, Development of magnetic harmonic gear with stackable structure	(1,2)	809– 816
Ando, Y., see Murakami, I.	(3,4)	1607–1613
Annasiwaththa, B.I. and K. Oka, Design concept and analysis of a magnetically levitated linear slider with non-contact power transfer	(1,2)	207– 213
Aoki, F., K. Kanda and T. Sugiura, Attenuation measurement of cylindrical guided waves	(3,4)	1201–1206
Araki, R., Y. Sunami, M. Minami, S. Ishiyama and A. Yanou, Simulated decontamination experiments by mobile manipulator with visual recognition – Autonomous behavior driven by environment programming	(3,4)	907– 916
Asai, Y., see Kato, M.	(3,4)	1637–1646
Aye, Y.Y., K. Watanabe, S. Maeyama and I. Nagai, Design of an image-based fuzzy controller for autonomous parking of four-wheeled mobile robots	(3,4)	859– 865
Bai, B., see Chen, D.	(3,4)	1477–1484
Bai, L., see Cheng, Y.	(1,2)	95– 102
Bai, L., see Cheng, Y.	(1,2)	443– 451
Bai, Q., see Cheng, Y.	(1,2)	95– 102
Bai, Y., see An, S.	(3,4)	1151–1159
Bai, Y., see Zhang, W.	(1,2)	787– 792

- Banks, H.T., J. Catenacci and A. Criner, Quantifying the degradation in thermal-lytreated ceramic matrix composites (1,2) 3– 24
- Banks, H.T., see Kojima, F. (1,2) 49– 54
- Baskaran, P., see Ramos, H.G. (1,2) 363– 369
- Bernardo, E., see Maschio, A. (1,2) 137– 144
- Bonislawski, M., see Di Barba, P. (3,4) 1615–1622
- Botzheim, J., see Tang, D. (1,2) 511– 516
- Bu, Y., see Yamamoto, T. (3,4) 1341–1349
- Cai, C., G. Yan and J. Tang, Detection of fatigue cracks under environmental effects using Bayesian statistical inference (3,4) 1015–1021
- Cai, C., see Tang, J. (3,4) 1015–1021
- Cai, W., see Xie, S. (1,2) 975– 981
- Cai, W., Z. Xie, S. Xie, C. Pei, Y. Li and Z. Chen, Influence of the online closure loading on the eddy current testing signals of closed fatigue crack (1,2) 307– 314
- Cao, J., see Liang, Q. (1,2) 297– 306
- Cao, J., see Liang, Q. (3,4) 1295–1303
- Catenacci, J., see Banks, H.T. (1,2) 3– 24
- Chan, P.K., S.-I. Oikawa and W. Kosaka, Quantum mechanical expansion of a magnetized particle in the presence of a field particle for magnetic fusionplas-mas (3,4) 1237–1244
- Chan, P.K., see Kosaka, W. (3,4) 1081–1086
- Chen, D., W. Zhao, B. Bai and B.-I. Kwon, Analysis and experiment oftransformer vibration and noise considering electrical steel sheet magnetostriction (3,4) 1477–1484
- Chen, D.S., see Guan, W. (3,4) 999–1006
- Chen, H., see Tu, J. (1,2) 399– 405
- Chen, H.-E., see Xie, S. (1,2) 307– 314
- Chen, J., see Shao, S. (3,4) 1035–1043
- Chen, K., see Cheng, Y. (1,2) 95– 102
- Chen, L., see Xue, X. (1,2) 175– 182
- Chen, M., see Su, H. (3,4) 1623–1628
- Chen, W., see Wang, C. (1,2) 103– 111
- Chen, W., see Wang, C. (1,2) 691– 699
- Chen, W., see Wang, C. (1,2) 711– 719
- Chen, W., see Wang, J. (3,4) 983– 990
- Chen, Y., J. Qiu and J. Wu, Adaptive control with hysteresis compensation for-piezoelectric actuators (1,2) 843– 850
- Chen, Y., S. Xie and X. Zhang, Damage identification based on wavelet packet analysis method (1,2) 407– 414
- Chen, Y., see Cheng, Y. (1,2) 443– 451
- Chen, Z., see Cai, W. (1,2) 297– 306
- Chen, Z., see Li, H. (3,4) 1133–1139
- Chen, Z., see Li, Y. (1,2) 347– 356
- Chen, Z., see Liu, H. (1,2) 381– 389
- Chen, Z., see Wang, L. (3,4) 1511–1517
- Chen, Z., see Xie, S. (1,2) 307– 314

- Chen, Z., see Yang, G. (3,4) 1331–1339
- Chen, Z., see Zhang, D. (3,4) 1409–1415
- Cheng, J., see Qiu, J. (1,2) 25– 33
- Cheng, W., see Xiao, L. (3,4) 1433–1441
- Cheng, Y., C. Yin, L. Bai, Q. Bai, X. Huang and K. Chen, Fault diagnostics of rolling bearings using feature fusion based BP, RBF and PNN neural networks (1,2) 95– 102
- Cheng, Y., C. Yin, Y. Chen, L. Bai, X. Huang, X. Zhou and F. Yang, ICA fusion approach based on fuzzy using in eddy current pulsed thermography (1,2) 443– 451
- Cho, Y., see Li, W. (1,2) 323– 330
- Cong, M. and X. Wu, Magnetostrictive steady-state guided wave testing technique for defect detection in pipes (1,2) 331– 337
- Cong, M., see Xu, J. (1,2) 391– 397
- Criner, A., see Banks, H.T. (1,2) 3– 24
- Cui, Y., K. Nishimura, Y. Sunami, M. Minami and A. Yanou, 6-dof Eye-vergence visual servoing by 1-step GA pose tracking (3,4) 867– 873
- Da, Y., see Wang, B. (1,2) 41– 48
- Dai, X., see Liang, Q. (3,4) 1295–1303
- Daikoku, A., see Kitao, J. (3,4) 1425–1432
- Deng, Z., see Yang, Y. (3,4) 1401–1408
- Desideri, D., see Maschio, A. (1,2) 137– 144
- Di Barba, P., M.E. Mognaschi, M. Bonislawski, R. Palka, P. Paplicki, R. Piotuch and M. Wardach, Hybrid excited synchronous machine with flux control possibility (3,4) 1615–1622
- Do, H.-S., see Sim, S. (3,4) 1561–1567
- Dong, G., X. Zhang, Y. Luo and Y. Zhang, Investigation on the design of magneticspring-beam vibration isolator with negative stiffness characteristic (3,4) 1321–1329
- Dong, L., see Zhang, J. (1,2) 685– 690
- Drabik, A., see Nowacki, J.P. (3,4) 1305–1311
- Duan, Z., see Jin, J. (1,2) 145– 152
- Duan, Z., see Sun, F. (1,2) 667– 675
- Dular, P., see Guérin, C. (1,2) 547– 554
- Endo, T., see Shimizu, Y. (3,4) 1393–1400
- Enokizono, M., see Oka, M. (3,4) 1169–1176
- Faktorová, D. and E. Luptáková, The implementation of microwave methods for dielectric constant of blood phantoms assessment (3,4) 1697–1702
- Fan, H., see Xiao, L. (3,4) 1433–1441
- Fan, Z., see Jia, K. (1,2) 183– 190
- Fang, B., see Xie, S. (1,2) 307– 314
- Fang, H., see Wu, J. (3,4) 1007–1014
- Fang, H., see Wu, J. (3,4) 1257–1265
- Feng, B., see Yang, Y. (3,4) 1107–1113

- Feng, B., Y. Kang, Y. Sun, Y. Yang and X. Yan, Influence of motion induced eddy current on the magnetization of steel pipe and MFL signal (1,2) 357– 362
- Feng, H., see Uchimoto, T. (1,2) 677– 684
- Fu, X., S. Xie, J. Li, C. Zhub and X. Zhang, Strain response based finite element-model updating by using response surface method (3,4) 1087–1097
- Fujii, A., T. Adachi and Y. Gotoh, Examination of inspecting method of opposite side defect in steel plate using AC and DC magnetic field (3,4) 1045–1052
- Fujiwara, K., see Kitao, J. (3,4) 1425–1432
- Fukuoka, K. and S. Horiike, Measurement of magnetic particle for quantitative evaluation in magnetic particle testing (3,4) 1545–1551
- Fukuoka, K. and S. Noma, Consideration of multi-coil type magnetizer for detection of omnidirectional crack in magnetic particle testing (3,4) 1537–1543
- Fukuoka, K., Development of ECT probe for flaw detection of microcrack in spring steel material (3,4) 1177–1183
- Fukuta, M., see Motozawa, M. (1,2) 113– 120
- Fukuura, T., see Van Toan, T. (1,2) 243– 250
- Furukawa, S., S. Kobashi, N. Kamiura, Y. Hata, S. Imawaki and T. Ishikawa, Continuous-wavelet-transform-based visualization for seminiferous tubule using broadband ultrasonic imaging (1,2) 461– 469
- Gasparics, A., see Vértesy, G. (1,2) 453– 460
- Ge, G., Z.P. Li and J. Xu, Response of a post-buckled giant-magnetostrictive thin film subject to Gaussian colored noise (1,2) 721– 729
- Geng, H., see Yang, B. (1,2) 271– 279
- Geuzaine, C., see Guérin, C. (1,2) 547– 554
- Gotoh, J., H. Komori and J. Ueno, Proposal of slack inspection method of high tension bolt of hexagon head using alternating magnetic field (3,4) 1053–1060
- Gotoh, Y., see Fujii, A. (3,4) 1045–1052
- Gu, M., see Sun, Y. (3,4) 1099–1106
- Guan, W., C. Wang, D.S. Chen, X. Luo and F.F. Su, Recursive principal component analysis with forgetting factor for operational modal analysis of linear time-varying system (3,4) 999–1006
- Guan, W., C. Wang, T. Wang, H. Zhang, X. Luo, L. Xiang, Y. Liu and X. Xie, Operational modal analysis for linear time-varying continuous dynamic structure based on LMPCA (1,2) 701– 709
- Guérin, C., V. Leconte, P. Dular, C. Geuzaine and V. Mazauric, Using a vector Jiles-Atherton static model to simulate the effect of hysteresis on the operation of fast-acting linear actuators (1,2) 547– 554
- Guo, J., see Xia, K. (1,2) 281– 288
- Guo, W., see Wang, C. (1,2) 691– 699
- Guo, W., see Wang, J. (3,4) 983– 990
- Gyimóthy, S., see Vértesy, G. (1,2) 453– 460
- Hahn, S.-C., see Ahn, H.-M. (3,4) 1141–1149
- Haji, T., see Kinugasa, T. (3,4) 891– 896

- Hamada, K., see Tsukiji, T. (1,2) 827– 833
- Hamanaka, S., Y. Saito, I. Marinova, M. Ohuch and T. Kojima, Flat/film infinity coils and backside defect searching (1,2) 289– 295
- Han, J., S. Huang, W. Zhao and S. Wang, Stress excited electrical dipole model for electromagnetic emission induced in fractured rock (3,4) 1023–1034
- Han, M., see Jiang, J. (3,4) 1115–1122
- Hara, M., see Javed, A. (1,2) 223– 229
- Hasan, S.M., T. Mizuno, M. Takasaki and Y. Ishino, Electromagnetic analysis in magnetic suspension mechanism of a wind tunnel for spinning body (1,2) 231– 241
- Hata, Y., see Furukawa, S. (1,2) 461– 469
- Hata, Y., see Nishikawa, S. (1,2) 487– 493
- Hata, Y., see Takeda, T. (1,2) 495– 501
- Hata, Y., see Yukawa, A. (1,2) 479– 486
- Hayashi, R., see Kinugasa, T. (3,4) 891– 896
- Hayashi, S., see Nagata, F. (3,4) 897– 905
- Higuchi, Y., T. Nara and S. Ando, A Truncated Singular Value Decomposition approach for locating a magnetic dipole with Euler’s equation (1,2) 67– 72
- Hirano, T., see Murai, M. (3,4) 1525–1530
- Hirata, I., see Nakamoto, H. (3,4) 1681–1688
- Hirata, K., see Horai, S. (3,4) 1231–1236
- Hirata, K., see Kato, M. (3,4) 1637–1646
- Hirata, K., see Kitayama, F. (3,4) 1161–1168
- Hirata, K., see Kobayashi, M. (3,4) 1647–1653
- Hirata, K., see Morimoto, E. (1,2) 563– 569
- Hirata, K., see Niguchi, N. (1,2) 755– 762
- Hirata, K., see Nishiura, Y. (1,2) 579– 589
- Hirata, K., see Nobuhara, S. (1,2) 763– 769
- Hirata, K., see Sakai, M. (1,2) 571– 578
- Hirata, K., see Yamamoto, T. (3,4) 1519–1524
- Hirata, K., see Yang, S.-H. (3,4) 1655–1663
- Honda, S. and H. Yonekura, Detection of anomalies in stationary signals based on fluctuation-dissipation principle (1,2) 55– 60
- Hong, D.-K., D.-S. Joo, J.-Y. Lee and B.-C. Woo, Effects of the pole-slot combination on the PMSM of an integrated motor propulsor for an unmanned underwater vehicle considering its electric performance, noise and vibration (3,4) 1689–1695
- Honmyo, K. and H. Kikuchi, Permeability at higher temperature for development of heat-resist magnetic sensor (3,4) 1069–1073
- Horai, S., K. Hirata and N. Niguchi, Flux-focusing eddy current sensor with magnetic saturation for detection of water pipe defects (3,4) 1231–1236
- Horiata, A., see Kakizawa, M. (3,4) 917– 925
- Horiike, S., see Fukuoka, K. (3,4) 1545–1551
- Hosoya, N., A. Yanou, S. Okamoto, M. Minami and T. Matsuno, Application of self-tuning generalized predictive control to temperature control experimental device of aluminum plate (3,4) 875– 881

- Hu, Z., X. Zhang and Y. Luo, Adaptive vibration control of hoop truss structure using voice coil actuator (3,4) 1359–1367
- Huang, J., see Wang, L. (1,2) 793– 799
- Huang, J., see Yang, J. (1,2) 435– 442
- Huang, J., see Zhang, W. (1,2) 787– 792
- Huang, S., see Han, J. (3,4) 1023–1034
- Huang, S., see Zhang, Y. (3,4) 991– 998
- Huang, X., see Cheng, Y. (1,2) 95– 102
- Huang, X., see Cheng, Y. (1,2) 443– 451
- Humza, M. and B. Kim, Design of an induction motor by pre-determination of equivalent circuit parameters (1,2) 801– 808
- Hyuga, T., N. Ishikawa, Y. Saito, I. Marinova, M. Ohuchc and T. Kojima, Design strategy of the practical flat ∞ coil (3,4) 1665–1672
- Ido, Y., H. Yokoyama and H. Nishida, Viscous and damping properties of magnetorheological fluids containing needle-like nonmagnetic particles (1,2) 121– 127
- Igarashi, H., see Itoh, K. (1,2) 623– 630
- Igarashi, H., see Mori, T. (1,2) 631– 639
- Igarashi, H., see Sato, Y. (1,2) 649– 657
- Igarashi, H., see Watanabe, Y. (1,2) 609– 616
- Iida, M., I. Marinova and Y. Saito, Frequency fluctuation signal processing and its application to the Barkhausen signals (1,2) 371– 379
- Imatani, S., see Kinoshita, K. (3,4) 1461–1467
- Imawaki, S., see Furukawa, S. (1,2) 461– 469
- Inukai, H., M. Minami and A. Yanou, Validity analysis of chaos generated with Neural-Network-Differential-Equation for robot to reduce fish's learning speed (3,4) 883– 889
- Ishida, M., see Mashino, M. (1,2) 215– 222
- Ishikawa, N., see Hyuga, T. (3,4) 1665–1672
- Ishikawa, T., see Furukawa, S. (1,2) 461– 469
- Ishikawa, T., see Kurita, N. (1,2) 199– 206
- Ishikawa, T., see Mizuno, S. (3,4) 1453–1460
- Ishikawa, T., see Sato, M. (3,4) 1531–1536
- Ishino, Y., see Hasan, S.M. (1,2) 231– 241
- Ishino, Y., see Javed, A. (1,2) 223– 229
- Ishiwata, M., see Terashima, K. (3,4) 1213–1219
- Ishiyama, S., see Araki, R. (3,4) 907– 916
- Ito, S., see Tejima, S. (1,2) 541– 546
- Itoh, K., K. Watanabe, K. Miyata and H. Igarashi, Performance improvement of planar array antenna by small spherical dielectric lenses (1,2) 623– 630
- Iwado, R., see Kinugasa, T. (3,4) 891– 896
- Izumi, S., see Yashima, K. (1,2) 503– 509
- Jaron, Z., see Vanus, J. (1,2) 517– 524

- Javed, A., T. Mizuno, M. Takasaki, Y. Ishino, M. Hara and D. Yamaguchi, Proposal of lateral vibration control based on force detection in magnetic suspension system (1,2) 223– 229
- Jeong, I., see Kim, T. (3,4) 1485–1493
- Ji, H., see Qiu, J. (1,2) 25– 33
- Ji, H., see Wang, H. (1,2) 261– 269
- Jia, K., Z. Fan and K. Yang, 3 DOF noncontact clamping stage for micro-stereolithography on embedded material (1,2) 183– 190
- Jiang, J., H. Li, F. Zhang and M. Han, The method of moment for identification of dynamic distributed load on plate structure (3,4) 1115–1122
- Jiang, Z., see Luo, Y. (3,4) 1369–1376
- Jin, J., see Jin, J. (1,2) 145– 152
- Jin, J., see Sun, F. (1,2) 667– 675
- Jin, J., see Sun, F. (1,2) 667– 675
- Jin, J., Z. Duan, F. Sun, Q. Li, P. Xia, J. Jin and K. Oka, Model identification and analysis for parallel permanent magnetic suspension system based on ARX model (1,2) 145– 152
- Jing, Z., see Wu, T. (1,2) 777– 785
- Joo, D.-S., see Hong, D.-K. (3,4) 1689–1695
- Kajiwarra, K., see Tsuchiya, K. (3,4) 1417–1424
- Kakizawa, M., T. Kawasoe, S. Otsuka, M. Tanaka, T. Okuyama, T. Kono and A. Horihata, Development of a sensor for measuring tactile sensation of hair by using artificial hair (3,4) 917– 925
- Kamitani, A., see Takayama, T. (1,2) 555– 561
- Kamiura, N., see Furukawa, S. (1,2) 461– 469
- Kamiura, N., see Yukawa, A. (1,2) 479– 486
- Kanda, K., see Aoki, F. (3,4) 1201–1206
- Kaneko, D., see Tsuchiya, K. (3,4) 1417–1424
- Kang, K., see Yang, Y. (3,4) 1401–1408
- Kang, Y., see Feng, B. (1,2) 357– 362
- Kang, Y., see Sun, Y. (3,4) 1099–1106
- Kang, Y., see Wu, J. (3,4) 1007–1014
- Kang, Y., see Wu, J. (3,4) 1257–1265
- Kang, Y., see Yang, Y. (3,4) 1107–1113
- Kato, H., see Kato, T. (1,2) 153– 160
- Kato, H., see Kurihara, T. (3,4) 1495–1502
- Kato, H., see Mashino, M. (1,2) 215– 222
- Kato, M., K. Hirata and Y. Asai, Experimental verification of disturbance compensation control of linear resonant actuator (3,4) 1637–1646
- Kato, T., R. Suzuki, T. Narita, H. Kato and Y. Yamamoto, Basic study on active noise control for considering characteristics of vibration of plate by giant magnetostrictive actuator (1,2) 153– 160
- Kawaguchi, Y., see Motozawa, M. (1,2) 113– 120
- Kawase, Y., see Yang, S.-H. (3,4) 1655–1663

- Kawasoe, T., see Kakizawa, M. (3,4) 917– 925
- Kazuki, N., see Sheng, C. (3,4) 943– 950
- Kikuchi, H., see Honmyo, K. (3,4) 1069–1073
- Kikuchi, H., see Yanagiwara, H. (3,4) 1075–1080
- Kim, B., see Humza, M. (1,2) 801– 808
- Kim, B., see Kim, T. (3,4) 1485–1493
- Kim, D., see Kim, T. (3,4) 1485–1493
- Kim, H., see Sim, S. (3,4) 1561–1567
- Kim, J., S. Kim, M. Le, J. Lee and J. Park, Detection and evaluation of backside crack in spot-welding component of heat-resistant alloy using electromagnetic field distortion (3,4) 1193–1199
- Kim, J., see Sim, S. (3,4) 1561–1567
- Kim, J.-K., see Ahn, H.-M. (3,4) 1141–1149
- Kim, S., see Kim, J. (3,4) 1193–1199
- Kim, S.-Y., see Ahn, H.-M. (3,4) 1141–1149
- Kim, T., I. Jeong, D. Kim and B. Kim, Characteristic analysis of a vernier motor from magnetic perspective (3,4) 1485–1493
- Kimura, M., see Tsuchiya, K. (3,4) 1417–1424
- Kinoshita, K., K. Uchida and S. Imatani, Behavior of inherent magnetic sensor in SUS304 stainless steel (3,4) 1461–1467
- Kinugasa, T., R. Iwado, N. Miyamoto, M. Kurisu, M. Okugawa, T. Haji, K. Yoshida, H. Amano and R. Hayashi, Shelled structure for flexible mono-tread mobile track (3,4) 891– 896
- Kiryu, S., see Matsui, D. (3,4) 1385–1391
- Kitabayashi, K., see Kobayashi, F. (3,4) 1629–1636
- Kitao, J., Y. Takahashi, K. Fujiwara, A. Ahagon, T. Matsuo and A. Daikoku, Improvement of alternating magnetic characteristics represented by play model (3,4) 1425–1432
- Kitayama, F., K. Hirata and T. Yamada, Least means square adaptive control with step delays for phase compensation (3,4) 1161–1168
- Kitayama, F., see Kobayashi, M. (3,4) 1647–1653
- Kobashi, S., see Furukawa, S. (1,2) 461– 469
- Kobashi, S., see Yukawa, A. (1,2) 479– 486
- Kobayashi, F., K. Kitabayashi, K. Shimizu, H. Nakamoto and F. Kojima, Human motion caption with vision and inertial sensors for hand/arm robot teleoperation (3,4) 1629–1636
- Kobayashi, F., see Nakamoto, H. (3,4) 1681–1688
- Kobayashi, F., see Sasai, S. (3,4) 1221–1229
- Kobayashi, K., see Nagase, M. (3,4) 1591–1598
- Kobayashi, K., see Okuyama, T. (3,4) 951– 957
- Kobayashi, M., K. Hirata and F. Kitayama, Proposal of linear oscillatory actuator using DC motor for active control engine mount (3,4) 1647–1653
- Kobayashi, Y., see Murakami, I. (3,4) 1607–1613
- Kobori, K., see Ando, Y. (1,2) 809– 816
- Kojima, D., see Sasai, S. (3,4) 1221–1229
- Kojima, F. and H.T. Banks, Statistical parameter estimation of dielectric materials using MCMC for nonlinear hierarchical models (1,2) 49– 54

- Kojima, F., see Kobayashi, F. (3,4) 1629–1636
- Kojima, F., see Nakamoto, H. (3,4) 1681–1688
- Kojima, T., see Hamanaka, S. (1,2) 289– 295
- Kojima, T., see Hyuga, T. (3,4) 1665–1672
- Kolar, V., see Vanus, J. (1,2) 517– 524
- Komori, H., see Gotoh, J. (3,4) 1053–1060
- Kong, Y., see Xu, J. (3,4) 959– 966
- Kono, A., see Yukawa, A. (1,2) 479– 486
- Kono, T., see Kakizawa, M. (3,4) 917– 925
- Kosaka, W., S.-I. Oikawa and P.K. Chan, Numerical analysis of quantum-mechanical non-uniform $\mathbf{E} \times \mathbf{B}$ drift: Non-uniform electric field (3,4) 1081–1086
- Kosaka, W., see Chan, P.K. (3,4) 1237–1244
- Kosukegawa, K., see Yashima, K. (1,2) 503– 509
- Koziorek, J., see Vanus, J. (1,2) 517– 524
- Kubota, N., see Takeda, T. (1,2) 495– 501
- Kubota, N., see Tang, D. (1,2) 511– 516
- Kurihara, T., T. Narita, H. Kato and Y. Yamamoto, Effect of a magnetic field from the horizontal direction on a magnetically levitated steel plate: Fundamental consideration on the levitation performance (3,4) 1495–1502
- Kurisu, M., see Kinugasa, T. (3,4) 891– 896
- Kurita, N., see Mizuno, S. (3,4) 1453–1460
- Kurita, N., T. Ishikawa, N. Saito and T. Masuzawa, A double sided stator type axial self-bearing motor development for left ventricular assist devices (1,2) 199– 206
- Kuroiwa, S., see Ando, Y. (1,2) 809– 816
- Kwon, B.-I., see Chen, D. (3,4) 1477–1484
- Kwon, B.-I., see Yazdan, T. (3,4) 1569–1576
- Kwon, B.-I., see Yoon, K.-Y. (1,2) 591– 597
- Kwon, B.-I., see Zhao, F. (1,2) 771– 776
- Kwon, B.-I., see Zhao, F. (1,2) 835– 842
- Kwon, B.-I., see Zhao, W. (1,2) 599– 607
- Kwon, B.-I., see Zhao, W. (1,2) 817– 825
- Kyoso, M., see Matsui, D. (3,4) 1385–1391
- Lai, X., see Wang, C. (1,2) 103– 111
- Lai, X.-M., see Wang, C. (1,2) 691– 699
- Le, M., see Kim, J. (3,4) 1193–1199
- Le, M., see Sim, S. (3,4) 1561–1567
- Leconte, V., see Guérin, C. (1,2) 547– 554
- Lee, J., see Kim, J. (3,4) 1193–1199
- Lee, J., see Sim, S. (3,4) 1561–1567
- Lee, J.-H., see Yoon, K.-Y. (1,2) 591– 597
- Lee, J.-Y., see Hong, D.-K. (3,4) 1689–1695
- Li, D., see Li, Y. (1,2) 347– 356
- Li, D., see Sun, Y. (3,4) 1099–1106

- Li, H., J. Luo and G. Yan, A MIMO vibration suppression system with multi electrodynamic suppressors (3,4) 1443–1451
- Li, H., see Jiang, J. (3,4) 1115–1122
- Li, H., see Zhang, D. (3,4) 1409–1415
- Li, H., Z. Chen, D. Zhang and H. Sun, Reconstruction of magnetic charge on breaking flaw based on two-layers algorithm (3,4) 1133–1139
- Li, J., see Fu, X. (3,4) 1087–1097
- Li, J., see Wang, C. (1,2) 103– 111
- Li, J., see Zhang, Q. (1,2) 339– 345
- Li, L., see Wu, J. (3,4) 1257–1265
- Li, L., see Yang, Y. (3,4) 1107–1113
- Li, L., see Yang, Y. (3,4) 1401–1408
- Li, M., see Xiao, L. (3,4) 1433–1441
- Li, Q., see Jin, J. (1,2) 145– 152
- Li, W. and Y. Cho, Imaging wall thinning defect by electromagnetic ultrasonic shear horizontal guided wave tomography (1,2) 323– 330
- Li, X., see Su, D. (3,4) 1287–1293
- Li, X., see Zhu, Z. (1,2) 851– 858
- Li, Y. and S. Yang, A combined methodology based on ON/OFF method and GA for topology optimization of electromagnetic devices (1,2) 731– 738
- Li, Y., B. Yan, D. Li, Y. Li and Z. Chen, Pulse-modulation-based eddy current technique for non-destructive evaluation of conductive structures with subsurface corrosion (1,2) 347– 356
- Li, Y., see Cai, W. (1,2) 297– 306
- Li, Y., see Li, Y. (1,2) 347– 356
- Li, Y., see Zhang, D. (3,4) 1409–1415
- Li, Z., see Zhang, W. (1,2) 471– 477
- Li, Z., see Zhang, W. (3,4) 1061–1067
- Li, Z.P., see Ge, G. (1,2) 721– 729
- Liang, Q., J. Mo, X. Dai, Y. Long, J. Cao and S. Wang, Modeling and analysis of field modulated permanent-magnet eddy-current couplings with a slotted conductor rotor (3,4) 1295–1303
- Lin, H., see Zhao, F. (1,2) 835– 842
- Linb, H., see Zhao, F. (1,2) 771– 776
- Liu, C., see Sun, Y. (3,4) 1099–1106
- Liu, G., see Xiao, L. (3,4) 1433–1441
- Liu, H., S. Xie, C. Pei and Z. Chen, Numerical simulation method for IR thermography NDE of delamination defect in multilayered plate (1,2) 381– 389
- Liu, S., see Sun, Y. (3,4) 1099–1106
- Liu, Y., see Guan, W. (1,2) 701– 709
- Long, Y., see Liang, Q. (3,4) 1295–1303
- Luo, G., see Yang, G. (3,4) 1331–1339
- Luo, J., see Li, H. (3,4) 1443–1451
- Luo, X., see Guan, W. (1,2) 701– 709
- Luo, X., see Guan, W. (3,4) 999–1006

- Luo, X., see Wang, C. (1,2) 103– 111
- Luo, Y., H. Yi, H. Yang, Z. Jiang and X. Zhang, Research on a multi-layer piezo-electric structure applied in beam as a sensor (3,4) 1369–1376
- Luo, Y., see Dong, G. (3,4) 1321–1329
- Luo, Y., see Hu, Z. (3,4) 1359–1367
- Luo, Y., see Su, D. (3,4) 1287–1293
- Luo, Y., see Zhang, Y. (1,2) 251– 260
- Luo, Y., see Zhao, R. (1,2) 531– 539
- Luo, Y., see Zhou, Y. (3,4) 1469–1475
- Luo, Y., see Zhu, L. (1,2) 525– 530
- Luo, Z., see Sano, Y. (3,4) 935– 942
- Luo, Z., see Seki, A. (3,4) 927– 934
- Luo, Z., see Sheng, C. (3,4) 943– 950
- Luptáková, E., see Faktorová, D. (3,4) 1697–1702
- Ma, C., see Zheng, Y. (3,4) 1313–1320
- Ma, G., M. Xu, Z. An, C. Wu and W. Miao, Active vibration control of an axially moving cantilever structure using MFC (3,4) 967– 974
- Ma, G., see Wu, C. (3,4) 1267–1275
- Ma, M., see Yamaoki, T. (1,2) 747– 754
- Ma, Y., see Zhang, W. (1,2) 471– 477
- Ma, Y., see Zhang, W. (3,4) 1061–1067
- Mabuchi, T., see Takeda, T. (1,2) 495– 501
- Machacek, Z., see Vanus, J. (1,2) 517– 524
- Maeyama, S., see Aye, Y.Y. (3,4) 859– 865
- Mao, B., S. Xie, J. Zhou and X. Zhang, The performance analysis of a new type DEAP vibration isolator (3,4) 1351–1358
- Marangoni, M., see Maschio, A. (1,2) 137– 144
- Marinova, I., see Hamanaka, S. (1,2) 289– 295
- Marinova, I., see Hyuga, T. (3,4) 1665–1672
- Marinova, I., see Iida, M. (1,2) 371– 379
- Maschio, A., E. Bernardo, D. Desideri, M. Marangoni, I. Ponsot and Y. Pontikes, Shielding effectiveness of construction materials (1,2) 137– 144
- Mashino, M., M. Ishida, T. Narita, H. Kato and Y. Yamamoto, Active seat suspension for ultra-compact electric vehicle (Fundamental consideration on electrooculogram when fall from the bump) (1,2) 215– 222
- Masuzawa, T., see Kurita, N. (1,2) 199– 206
- Masuzawa, T., see Osa, M. (1,2) 191– 198
- Matoba, O., see Yamaoki, T. (1,2) 747– 754
- Matos, V., see Pereira, J. (1,2) 641– 648
- Matsui, D., S. Oga, M. Kyoso, S. Kiryu and Y. Shimatani, Effects of saline solution on the electrical characteristics of spiral coils for implantable wireless power transfer (3,4) 1385–1391
- Matsumoto, T., see Nakamoto, H. (3,4) 1673–1679

- Matsumoto, T., T. Uchimoto, T. Takagi and G. Vertesy, Evaluation of chill structure in ductile cast iron by incremental permeability method (3,4) 1599–1605
- Matsuno, T., see Hosoya, N. (3,4) 875– 881
- Matsuo, T., see Kitao, J. (3,4) 1425–1432
- Matsuo, T., see Sakata, Y. (1,2) 617– 622
- Matsuo, T., see Tejima, S. (1,2) 541– 546
- Matsuoka, S., see Murai, M. (3,4) 1525–1530
- Matsuzawa, S., see Yamamoto, T. (3,4) 1519–1524
- Mazauric, V., see Gu erin, C. (1,2) 547– 554
- Miao, W., see Ma, G. (3,4) 967– 974
- Midorikawa, Y. and M. Akita, A study of noisy signal pattern recognition using method of emphasizing wavelet coefficients for reference clean signal data (3,4) 1207–1212
- Mifune, T., see Sakata, Y. (1,2) 617– 622
- Mifune, T., see Tejima, S. (1,2) 541– 546
- Mihalache, O., see Yamaguchi, T. (3,4) 1185–1191
- Mihalache, O., T. Yamaguchi, T. Shirahama and M. Ueda, Multi-frequency ECT for sodium drained SG tubes of FBR using 3D finite element simulations (1,2) 659– 666
- Minami, M., see Araki, R. (3,4) 907– 916
- Minami, M., see Cui, Y. (3,4) 867– 873
- Minami, M., see Hosoya, N. (3,4) 875– 881
- Minami, M., see Inukai, H. (3,4) 883– 889
- Miyagawa, H., see Suzuki, J. (3,4) 1585–1590
- Miyamoto, N., see Kinugasa, T. (3,4) 891– 896
- Miyata, K., see Itoh, K. (1,2) 623– 630
- Miyata, K., see Seki, A. (3,4) 927– 934
- Mizuno, S., T. Ishikawa and N. Kurita, Rotor structure design of permanent magnet synchronous generator by topology optimization method using GA (3,4) 1453–1460
- Mizuno, T., see Hasan, S.M. (1,2) 231– 241
- Mizuno, T., see Javed, A. (1,2) 223– 229
- Mizuno, T., see Yamamoto, T. (3,4) 1341–1349
- Mo, J., see Liang, Q. (3,4) 1295–1303
- Mognaschi, M.E., see Di Barba, P. (3,4) 1615–1622
- Mori, H., see Murakami, I. (3,4) 1607–1613
- Mori, H., see Yashima, K. (1,2) 503– 509
- Mori, T. and H. Igarashi, Topology optimization of wideband array antenna for microwave energy harvester (1,2) 631– 639
- Mori, T., see Sato, Y. (1,2) 649– 657
- Morimoto, E., N. Niguchi and K. Hirata, Variable flux permanent magnet motor utilizing centrifugal force (1,2) 563– 569
- Morimoto, E., see Niguchi, N. (1,2) 755– 762
- Morishita, M., see Nakamura, Y. (1,2) 161– 167
- Morita, T., see Takazakura, T. (1,2) 169– 174
- Motozawa, M., K. Takeda, Y. Kawaguchi, T. Sawada and M. Fukuta, Suppression of heat transfer of turbulent magnetic fluid flow by applying uniform magnetic field (1,2) 113– 120

- Moulart, R., see Rotinat, R. (1,2) 739– 745
- Murai, M., S. Matsuoka, T. Hirano, Y. Yamanaka, K. Yamanaka, T. Takagi and T. Uchimoto, Optimum design of a truncated-cone antenna element used in microwave irradiation of liquid objects (3,4) 1525–1530
- Murakami, I., see Ando, Y. (1,2) 809– 816
- Murakami, I., T. Shimada, Y. Kobayashi, H. Mori and Y. Ando, Stabilization of repulsive-type magnetic levitation system using superconducting magnetic bearing (3,4) 1607–1613
- Murakami, T., see Yanagiwara, H. (3,4) 1075–1080
- Mutsuda, H., see Tanaka, Y. (3,4) 1377–1383
- Nagai, I., see Aye, Y.Y. (3,4) 859– 865
- Nagase, M., K. Kobayashi, T. Woo, Y. Takiyama, K. Yamazaki and M. Sekino, Measurement and shielding of extremely-low-frequency urban magnetic noise (3,4) 1591–1598
- Nagata, F., S. Hayashi, T. Nagatmi, A. Otsuka and K. Watanabe, Application of fuzzy reasoning and neural network to feed rate control of a machining robot (3,4) 897– 905
- Nagatmi, T., see Nagata, F. (3,4) 897– 905
- Nagatomi, R., see Yashima, K. (1,2) 503– 509
- Nakai, T., see Tejima, S. (1,2) 541– 546
- Nakamoto, H. and T. Matsumoto, Tactile texture classification using magnetic tactile sensor (3,4) 1673–1679
- Nakamoto, H., H. Ootaka, I. Hirata, F. Kobayashi and F. Kojima, Stretchable strain sensor for distributed strain measurement and design of measurement circuit (3,4) 1681–1688
- Nakamoto, H., see Kobayashi, F. (3,4) 1629–1636
- Nakamoto, H., see Sasai, S. (3,4) 1221–1229
- Nakamura, Y. and M. Morishita, Swing damping effect of eddy current for electromagnetic suspension system (1,2) 161– 167
- Nakata, Y., see Sakai, M. (1,2) 571– 578
- Nara, T., H. Takeda and S. Ando, Effect of ferromagnetic objects in rubble on rescue beacon searches (1,2) 61– 66
- Nara, T., see Higuchi, Y. (1,2) 67– 72
- Nara, T., see Okawa, S. (1,2) 73– 78
- Narita, T., see Kato, T. (1,2) 153– 160
- Narita, T., see Kurihara, T. (3,4) 1495–1502
- Narita, T., see Mashino, M. (1,2) 215– 222
- Ni, N., L. Zhang, Y. Wang, L. Shi and C. Zhang, Transparent capacitive sensor for structural health monitoring applications (3,4) 1577–1584
- Niguchi, N., K. Hirata, E. Morimoto and Y. Ohno, Permanent magnet synchronous motor with switchable N-T curves (1,2) 755– 762
- Niguchi, N., see Horai, S. (3,4) 1231–1236
- Niguchi, N., see Morimoto, E. (1,2) 563– 569
- Niguchi, N., see Nishiura, Y. (1,2) 579– 589
- Niguchi, N., see Nobuhara, S. (1,2) 763– 769
- Nishida, H., see Ido, Y. (1,2) 121– 127
- Nishii, T., see Yukawa, A. (1,2) 479– 486

- Nishikawa, S., Y. Sakai and Y. Hata, An evaluation method of normal gait pattern and its application to Down's syndrome patients (1,2) 487– 493
- Nishimura, K., see Cui, Y. (3,4) 867– 873
- Nishiura, Y., K. Hirata, Y. Sakaidani and N. Niguchi, Position control of 3-DOF spherical actuator with cogging torque compensation (1,2) 579– 589
- Nishiyama, H., see Sudo, S. (1,2) 129– 136
- Nitta, K., see Yamaoki, T. (1,2) 747– 754
- Nobuhara, S., K. Hirata, N. Niguchi and H. Ukaji, Proposal of new-shaped pole pieces for a magnetic-gear generator (1,2) 763– 769
- Noma, S., see Fukuoka, K. (3,4) 1537–1543
- Nowacki, J.P., A. Drabik and V.I. Alshits, Electroelastic fields of the general line source in periodically layered piezoelectric structure (3,4) 1305–1311
- Nunio, F., see Rotinat, R. (1,2) 739– 745
- Oga, S., see Matsui, D. (3,4) 1385–1391
- Ogawa, S., see Yamamoto, T. (3,4) 1519–1524
- Oh, Y.-H., see Ahn, H.-M. (3,4) 1141–1149
- Ohno, Y., see Niguchi, N. (1,2) 755– 762
- Ohuch, M., see Hamanaka, S. (1,2) 289– 295
- Ohuchc, M., see Hyuga, T. (3,4) 1665–1672
- Oikawa, S.-I., see Chan, P.K. (3,4) 1237–1244
- Oikawa, S.-I., see Kosaka, W. (3,4) 1081–1086
- Oka, K., see Annasiwaththa, B.I. (1,2) 207– 213
- Oka, K., see Jin, J. (1,2) 145– 152
- Oka, M., Y. Sato, T. Yakushiji and M. Enokizono, Evaluation of fatigue damage induced by pulsating tension stress and plane bending stress using the remnant magnetization method (3,4) 1169–1176
- Okamoto, S., see Hosoya, N. (3,4) 875– 881
- Okawa, S. and T. Nara, Localization of current dipole by minimizing entropy of dipole distribution for magnetoencephalography (1,2) 73– 78
- Oko, T., see Tanaka, Y. (3,4) 1377–1383
- Okugawa, M., see Kinugasa, T. (3,4) 891– 896
- Okuyama, T., K. Kobayashi, M. Otsuki and M. Tanaka, Measurement of finger joint angle using a flexible polymer sensor (3,4) 951– 957
- Okuyama, T., see Kakizawa, M. (3,4) 917– 925
- Oohira, F., see Suzuki, J. (3,4) 1585–1590
- Ootaka, H., see Nakamoto, H. (3,4) 1681–1688
- Osa, M., T. Masuzawa, T. Saito and E. Tatsumi, Miniaturizing 5-DOF fully controlled axial gap maglev motor for pediatric ventricular assist devices (1,2) 191– 198
- Ota, T., see Yamamoto, T. (3,4) 1519–1524
- Ota, T., see Yang, S.-H. (3,4) 1655–1663
- Otsuka, A., see Nagata, F. (3,4) 897– 905
- Otsuka, S., see Kakizawa, M. (3,4) 917– 925
- Otsuki, M., see Okuyama, T. (3,4) 951– 957
- Oya, R., see Sato, M. (3,4) 1531–1536

Palka, R., see Di Barba, P.	(3,4)	1615–1622
Paplicki, P., see Di Barba, P.	(3,4)	1615–1622
Park, H.-S., see Woo, K.-I.	(3,4)	1251–1256
Park, J., see Kim, J.	(3,4)	1193–1199
Pasadas, D., A.L. Ribeiro, H. Ramos and T. Rocha, Eddy current density by inversion of one measured component of the resulting magnetic field perturbation	(1,2)	35– 40
Pávó, J., see Vértesy, G.	(1,2)	453– 460
Pei, C., see Cai, W.	(1,2)	297– 306
Pei, C., see Liu, H.	(1,2)	381– 389
Pei, C., see Yang, G.	(3,4)	1331–1339
Peng, J., see Wang, C.	(1,2)	711– 719
Pereira, J. and V. Matos, Frequency response modelling and optimization of long wavelength RCE photodiodes	(1,2)	641– 648
Piotuch, R., see Di Barba, P.	(3,4)	1615–1622
Ponsot, I., see Maschio, A.	(1,2)	137– 144
Pontikes, Y., see Maschio, A.	(1,2)	137– 144
Qian, Z., see Wang, B.	(1,2)	41– 48
Qiu, G., see Tu, J.	(1,2)	399– 405
Qiu, J., J. Cheng, C. Zhang, H. Ji, T. Takagi and T. Uchimoto, Novel NDT methods for composite materials in aerospace structures	(1,2)	25– 33
Qiu, J., see Chen, Y.	(1,2)	843– 850
Qiu, J., see Wang, H.	(1,2)	261– 269
Quan, C., see Sano, Y.	(3,4)	935– 942
Quan, C., see Seki, A.	(3,4)	927– 934
Quan, C., see Sheng, C.	(3,4)	943– 950
Ramos, H., see Pasadas, D.	(1,2)	35– 40
Ramos, H.G., P. Baskaran and A.L. Ribeiro, Detection of cracks by eddy current testing based on dilation invariance principle	(1,2)	363– 369
Ribeiro, A.L., see Pasadas, D.	(1,2)	35– 40
Ribeiro, A.L., see Ramos, H.G.	(1,2)	363– 369
Rocha, T., see Pasadas, D.	(1,2)	35– 40
Rotinat, R., R. Moulart, F. Nunio and P. Vadrine, Experimental identification of the overall elastic rigidities of superconducting windings	(1,2)	739– 745
Rymarczyk, T., New methods to determine moisture areas by electrical impedance tomography	(1,2)	79– 87
Safdarnejad, S.M., Z. Su, C. Ye, L. Udpa and S. Udpa, Analysis of EC-GMR data for detection of cracks under fasteners (CUFs)	(1,2)	415– 423
Saito, N., see Kurita, N.	(1,2)	199– 206
Saito, T., see Osa, M.	(1,2)	191– 198
Saito, Y., see Hamanaka, S.	(1,2)	289– 295
Saito, Y., see Hyuga, T.	(3,4)	1665–1672
Saito, Y., see Iida, M.	(1,2)	371– 379

- Sakai, M., K. Hirata and Y. Nakata, Characteristics analysis of a helical teethed linear actuator (1,2) 571– 578
- Sakai, Y., see Nishikawa, S. (1,2) 487– 493
- Sakaidani, Y., see Nishiura, Y. (1,2) 579– 589
- Sakata, Y., N. Washio, T. Mifune and T. Matsuo, Multiple-division subgrid construction for space-time finite integration electromagnetic field computation (1,2) 617– 622
- Sano, Y., C. Quan and Z. Luo, Development of a human friendly walking and running training system (3,4) 935– 942
- Sasai, S., H. Nakamoto, F. Kobayashi and F. Kojima, Estimation method using genetic programming for location and depth on distributed tactile sensor (3,4) 1221–1229
- Sato, M., R. Oya and T. Ishikawa, Development of Marx generator type pulsed power system with MOSFETs and underwater pulsed electric discharge (3,4) 1531–1536
- Sato, Y., see Oka, M. (3,4) 1169–1176
- Sato, Y., T. Mori, T. Shimotani and H. Igarashi, Equivalent circuit of antennas generated by model order reduction (1,2) 649– 657
- Sawada, S., see Yusa, N. (1,2) 89– 94
- Sawada, T., see Motozawa, M. (1,2) 113– 120
- Sawada, T., see Shimizu, Y. (3,4) 1393–1400
- Seki, A., C. Quan, Z. Luo, T. Shimozono and K. Miyata, Objective evaluation of water-bed massage using heart rate sensor and accelerometer (3,4) 927– 934
- Sekino, M., see Nagase, M. (3,4) 1591–1598
- Shao, K., see Zhang, J. (1,2) 685– 690
- Shao, S., M. Xu, F. Zhang, S. Song and J. Chen, Maximization of scanning range for a piezo-driven antenna orientation stage (3,4) 1035–1043
- Shao, S., see Wu, T. (1,2) 777– 785
- Sheng, C., N. Kazuki, C. Quan and Z. Luo, On robotic rehabilitation of human dual arms' coordinative function (3,4) 943– 950
- Shi, L., see Ni, N. (3,4) 1577–1584
- Shi, Z., see Zhao, M. (3,4) 1123–1131
- Shimada, T., see Murakami, I. (3,4) 1607–1613
- Shimatani, Y., see Matsui, D. (3,4) 1385–1391
- Shimizu, K., see Kobayashi, F. (3,4) 1629–1636
- Shimizu, Y., T. Endo, S. Takagi and T. Sawada, Effect of a tapered metering pin on magnetorheological fluid under an impact load (3,4) 1393–1400
- Shimokawa, F., see Suzuki, J. (3,4) 1585–1590
- Shimotani, T., see Sato, Y. (1,2) 649– 657
- Shimozono, T., see Seki, A. (3,4) 927– 934
- Shinjyo, T., see Van Toan, T. (1,2) 243– 250
- Shirahama, T., see Mihalache, O. (1,2) 659– 666
- Sim, S., M. Le, J. Kim, J. Lee, H. Kim and H.-S. Do, Nondestructive inspection of control rods in nuclear power plants using an encircling-type magnetic camera (3,4) 1561–1567
- Song, S., see Shao, S. (3,4) 1035–1043
- Song, X., see Tu, J. (1,2) 399– 405
- Su, D., X. Li and Y. Luo, Anisotropic flexible mechanical design of prosthetic socket liner (3,4) 1287–1293

- Su, F.F., see Guan, W. (3,4) 999–1006
- Su, H. and M. Chen, Magnetic memory signal changes of 45# steel in the process of fatigue (3,4) 1623–1628
- Su, Z., C. Ye, A. Tamburrino, L. Udpa and S. Udpa, Optimization of coil design for eddy current testing of multi-layer structures (1,2) 315– 322
- Su, Z., see Safdarnejad, S.M. (1,2) 415– 423
- Sudo, S., K. Takahashi and H. Nishiyama, Periodic disintegration and reconnection of magnetic fluid bridge by alternating magnetic field (1,2) 129– 136
- Sugiura, T., see Aoki, F. (3,4) 1201–1206
- Sugiura, T., see Takazakura, T. (1,2) 169– 174
- Sugiyama, H., see Uchida, Y. (3,4) 1553–1560
- Sun, C., see Wang, J. (3,4) 983– 990
- Sun, F., M. Zhang, J. Jin, Z. Duan, J. Jin and X. Zhang, Mechanical analysis of a three-degree of freedom same-stiffness permanent magnetic spring (1,2) 667– 675
- Sun, F., see Jin, J. (1,2) 145– 152
- Sun, H., see Li, H. (3,4) 1133–1139
- Sun, Q., see Xue, X. (1,2) 175– 182
- Sun, Y., see Feng, B. (1,2) 357– 362
- Sun, Y., see Xia, K. (1,2) 281– 288
- Sun, Y., see Xiao, L. (3,4) 1433–1441
- Sun, Y., see Xu, J. (1,2) 391– 397
- Sun, Y., see Yang, B. (1,2) 271– 279
- Sun, Y., Z. Ye, G. Yang, D. Li, S. Liu, Y. Kang, M. Gu and C. Liu, Pulsed electric flux leakage (PEFL) techniques for defects detection and characterization (3,4) 1099–1106
- Sunami, Y., see Araki, R. (3,4) 907– 916
- Sunami, Y., see Cui, Y. (3,4) 867– 873
- Suzuki, J., K. Terao, H. Takao, F. Shimokawa, F. Oohira, H. Miyagawa and T. Suzuki, Development of magnetically driven microvalve using photosensitive SU-8/Fe composite (3,4) 1585–1590
- Suzuki, K., see Terashima, K. (3,4) 1213–1219
- Suzuki, R., see Kato, T. (1,2) 153– 160
- Suzuki, T., see Suzuki, J. (3,4) 1585–1590
- Tachino, S., see Uchida, Y. (3,4) 1553–1560
- Takagi, S., see Shimizu, Y. (3,4) 1393–1400
- Takagi, T., see Matsumoto, T. (3,4) 1599–1605
- Takagi, T., see Murai, M. (3,4) 1525–1530
- Takagi, T., see Qiu, J. (1,2) 25– 33
- Takagi, T., see Terashima, K. (3,4) 1213–1219
- Takagi, T., see Uchimoto, T. (1,2) 677– 684
- Takagi, T., see Yashima, K. (1,2) 503– 509
- Takahara, K., see Adachi, T. (3,4) 1503–1510
- Takahashi, K., see Sudo, S. (1,2) 129– 136
- Takahashi, Y., see Kitao, J. (3,4) 1425–1432
- Takao, H., see Suzuki, J. (3,4) 1585–1590

- Takasaki, M., see Hasan, S.M. (1,2) 231– 241
- Takasaki, M., see Javed, A. (1,2) 223– 229
- Takayama, T. and A. Kamitani, Acceleration for shielding current analysis in superconducting film containing cracks (1,2) 555– 561
- Takazakura, T., T. Morita and T. Sugiura, Dynamical behavior of noncontact driving cam mechanism using permanent magnets (1,2) 169– 174
- Takeda, H., see Nara, T. (1,2) 61– 66
- Takeda, K., see Motozawa, M. (1,2) 113– 120
- Takeda, T., see Tang, D. (1,2) 511– 516
- Takeda, T., T. Mabuchi, N. Kubota and Y. Hata, A non-contacted ultrasound system for inner muscle evaluation in rehabilitation support system (1,2) 495– 501
- Takiyama, Y., see Nagase, M. (3,4) 1591–1598
- Tamburrino, A., see Su, Z. (1,2) 315– 322
- Tanaka, M., see Kakizawa, M. (3,4) 917– 925
- Tanaka, M., see Okuyama, T. (3,4) 951– 957
- Tanaka, Y., T. Oko and H. Mutsuda, Study of power generation using FPED assuming engine vibration (3,4) 1377–1383
- Tang, D., Y. Yoshihara, T. Takeda, J. Botzheim and N. Kubota, Informationally structured space for multimodal monitoring in smart houses (1,2) 511– 516
- Tang, J., G. Yan and C. Cai, A particle filter-based method for acoustic emission source localization (3,4) 975– 981
- Tang, J., see Cai, C. (3,4) 1015–1021
- Tao, L., see Wang, C. (1,2) 691– 699
- Tatsumi, E., see Osa, M. (1,2) 191– 198
- Tejima, S., S. Ito, T. Mifune, T. Matsuo and T. Nakai, Magnetization analysis of stepped giant magneto impedance sensor using assembled domain structure model (1,2) 541– 546
- Terao, K., see Suzuki, J. (3,4) 1585–1590
- Terashima, K., M. Ishiwata, K. Suzuki, K. Yamaguchi, T. Uchimoto and T. Takagi, Visualization method for detecting of residual stress using magnetic domain scope (3,4) 1213–1219
- Tian, M., see Xie, S. (1,2) 307– 314
- Tsuchiya, K., S.M. Aljarf, D. Kaneko, K. Kajiwara and M. Kimura, Development of one electrode type pH sensor measuring in microscopic region (3,4) 1417–1424
- Tsuchiya, K., see Uetsuji, Y. (3,4) 1245–1250
- Tsukiji, T. and K. Hamada, Study on EHD pump with multi-holes electrode (1,2) 827– 833
- Tu, J., G. Qiu, H. Chen and X. Song, An automatic navigation magnetic flux leakage testing robot for tank floor inspection (1,2) 399– 405
- Uchida, K., see Kinoshita, K. (3,4) 1461–1467
- Uchida, Y., H. Sugiyama and S. Tachino, Attitude control methods for quadruped form MMS (MMS-G) to use state feedback control (3,4) 1553–1560
- Uchimoto, T., see Matsumoto, T. (3,4) 1599–1605
- Uchimoto, T., see Murai, M. (3,4) 1525–1530
- Uchimoto, T., see Qiu, J. (1,2) 25– 33

- Uchimoto, T., see Terashima, K. (3,4) 1213–1219
- Uchimoto, T., T. Takagi, X. Wu, H. Feng and R. Urayama, Changes in eddy current testing signals of fatigue cracks by heat processing (1,2) 677– 684
- Udpa, L., see Safdarnejad, S.M. (1,2) 415– 423
- Udpa, L., see Su, Z. (1,2) 315– 322
- Udpa, L., see Ye, C. (1,2) 425– 433
- Udpa, S., see Safdarnejad, S.M. (1,2) 415– 423
- Udpa, S., see Su, Z. (1,2) 315– 322
- Udpa, S., see Ye, C. (1,2) 425– 433
- Ueda, M., see Mihalache, O. (1,2) 659– 666
- Ueda, M., see Yamaguchi, T. (3,4) 1185–1191
- Ueno, J., see Gotoh, J. (3,4) 1053–1060
- Ueno, S., see Van Toan, T. (1,2) 243– 250
- Uetsuji, Y., T. Wada and K. Tsuchiya, Multiscale numerical investigation on effective physical properties of multiferroic BaTiO₃/CoFe₂O₄ composites (3,4) 1245–1250
- Ukaji, H., see Nobuhara, S. (1,2) 763– 769
- Urayama, R., see Uchimoto, T. (1,2) 677– 684
- Van Toan, T., S. Ueno, T. Fukuura and T. Shinjyo, Electromagnetic force analysis of a 5-DOF controlled disk type PM motor (1,2) 243– 250
- Vanus, J., Z. Machacek, J. Koziorek, W. Walendziuk, V. Kolar and Z. Jaron, Advanced energy management system in Smart Home Care (1,2) 517– 524
- Vedrine, P., see Rotinat, R. (1,2) 739– 745
- Vértesy, G., A. Gasparics, J. Pávó and S. Gyimóthy, Detection of low density magnetic nanoparticles by Fluxset type magnetic probe (1,2) 453– 460
- Vertesy, G., see Matsumoto, T. (3,4) 1599–1605
- Wada, T., see Uetsuji, Y. (3,4) 1245–1250
- Walendziuk, W., see Vanus, J. (1,2) 517– 524
- Wang, B., Y. Da and Z. Qian, Reconstruction of surface flaw shape using reflection data of guided Rayleigh surface waves (1,2) 41– 48
- Wang, C., F. Yu, L. Tao, W. Guo, J. Wang, X.-M. Lai, H. Zhang, G. Yan, W. Chen and T. Wang, Uncorrelated multi-source random dynamic load identification based on minimization maximum relative errors and genetic algorithm (1,2) 691– 699
- Wang, C., J. Wang, B. Zhong, H. Ying, G. Yan, W. Chen and J. Peng, Negentropy and gradient iteration based fast independent component analysis for multiple random fault sources blind identification and separation (1,2) 711– 719
- Wang, C., J. Wang, X. Lai, B. Zhong, X. Luo, H. Ying, G. Yan, W. Chen and J. Li, Operation modal analysis following fast independent component analysis (1,2) 103– 111
- Wang, C., see Guan, W. (1,2) 701– 709
- Wang, C., see Guan, W. (3,4) 999–1006
- Wang, C., see Wang, J. (3,4) 983– 990
- Wang, H., J. Qiu and H. Ji, Impact localization in anisotropic composite plates based on Bayesian inference (1,2) 261– 269

- Wang, J., C. Wang, B. Zhong, T. Wang, W. Guo, W. Chen and C. Sun, Uncorrelated multi-sources load identification in frequency domain based on improved Tikhonov regularization method (3,4) 983– 990
- Wang, J., see Wang, C. (1,2) 103– 111
- Wang, J., see Wang, C. (1,2) 691– 699
- Wang, J., see Wang, C. (1,2) 711– 719
- Wang, J., see Wu, J. (3,4) 1007–1014
- Wang, L. and Z. Chen, Reconstruction of stress corrosion cracks using high-dimension hybrid optimization algorithm from eddy current signals (3,4) 1511–1517
- Wang, L., S. Yang and J. Huang, An adaptive quantum-behaved particle swarm optimizer for global optimization of inverse problem (1,2) 793– 799
- Wang, M., see Zhou, Y. (3,4) 1469–1475
- Wang, S., see Han, J. (3,4) 1023–1034
- Wang, S., see Liang, Q. (3,4) 1295–1303
- Wang, S., see Zhang, Y. (3,4) 991– 998
- Wang, T., see Guan, W. (1,2) 701– 709
- Wang, T., see Wang, C. (1,2) 691– 699
- Wang, T., see Wang, J. (3,4) 983– 990
- Wang, W., see Yang, G. (3,4) 1331–1339
- Wang, Y., see Ni, N. (3,4) 1577–1584
- Wang, Y., see Zhao, M. (3,4) 1123–1131
- Wardach, M., see Di Barba, P. (3,4) 1615–1622
- Washio, N., see Sakata, Y. (1,2) 617– 622
- Watanabe, K., see Aye, Y.Y. (3,4) 859– 865
- Watanabe, K., see Itoh, K. (1,2) 623– 630
- Watanabe, K., see Nagata, F. (3,4) 897– 905
- Watanabe, Y. and H. Igarashi, Shape optimization of chipless RFID tags comprising fractal structures (1,2) 609– 616
- Wei, Z., see Zhang, Y. (3,4) 991– 998
- Woo, B.-C., see Hong, D.-K. (3,4) 1689–1695
- Woo, K.-I. and H.-S. Park, Torque characteristic of flux switching motor by winding function theory (3,4) 1251–1256
- Woo, T., see Nagase, M. (3,4) 1591–1598
- Wu, C., M. Xu, T. Wu and G. Ma, Active vibration control of the panel reflection antenna by MFC sensors and actuators (3,4) 1267–1275
- Wu, C., see Ma, G. (3,4) 967– 974
- Wu, C., see Wu, T. (1,2) 777– 785
- Wu, J., H. Fang, J. Wang and Y. Kang, Sensitivity difference caused by eddy-current magnetic field in Hi-speed MFL testing and its elimination method (3,4) 1007–1014
- Wu, J., H. Fang, L. Li and Y. Kang, The signal characteristics of rectangular induction coil affected by sensor arrangement and scanning direction in MFL application (3,4) 1257–1265
- Wu, J., see Chen, Y. (1,2) 843– 850
- Wu, M., see Zhang, D. (3,4) 1409–1415

- Wu, T., M. Xu, Z. Jing, S. Shao and C. Wu, Design of an angular displacement piezoelectric actuator (1,2) 777– 785
- Wu, T., see Wu, C. (3,4) 1267–1275
- Wu, X., see An, S. (3,4) 1151–1159
- Wu, X., see Cong, M. (1,2) 331– 337
- Wu, X., see Uchimoto, T. (1,2) 677– 684
- Wu, X., see Xu, J. (1,2) 391– 397
- Wu, X., see Xue, X. (1,2) 175– 182
- Wu, X., see Zhang, Q. (1,2) 339– 345
- Wu, Y., see Zhu, L. (1,2) 525– 530
- Xia, K., Y. Sun, F. Zhang, J. Guo and L. Yu, Impact of synchronous generator transient on gas turbine rotor (1,2) 281– 288
- Xiaa, P., see Jin, J. (1,2) 145– 152
- Xiang, L., see Guan, W. (1,2) 701– 709
- Xiao, L., M. Li, W. Cheng, H. Fan, G. Liu and Y. Sun, Magnetic properties and eddy current losses in Fe-based soft magnetic composites (3,4) 1433–1441
- Xiao, P., see Yang, G. (3,4) 1331–1339
- Xie, S., B. Fang, W. Cai, M. Tian, H.-E. Chen and Z. Chen, Sizing of defects in special shaped coolant pipe of Tokamak magnet based on eddy current testing signals (1,2) 307– 314
- Xie, S., see Cai, W. (1,2) 297– 306
- Xie, S., see Chen, Y. (1,2) 407– 414
- Xie, S., see Fu, X. (3,4) 1087–1097
- Xie, S., see Liu, H. (1,2) 381– 389
- Xie, S., see Mao, B. (3,4) 1351–1358
- Xie, S., see Zhang, D. (3,4) 1409–1415
- Xie, X., see Guan, W. (1,2) 701– 709
- Xie, Z., see Cai, W. (1,2) 297– 306
- Xu, J., see Ge, G. (1,2) 721– 729
- Xu, J., see Zhu, Z. (1,2) 851– 858
- Xu, J., Y. Kong and Z. Zhu, Nonlinear dynamic characteristics of MSMA gripper (3,4) 959– 966
- Xu, J., Y. Sun, M. Cong and X. Wu, A feasibility study of tension measurement using longitudinal mode guided waves based on the magnetostrictive effect (1,2) 391– 397
- Xu, M., see Ma, G. (3,4) 967– 974
- Xu, M., see Shao, S. (3,4) 1035–1043
- Xu, M., see Wu, C. (3,4) 1267–1275
- Xu, M., see Wu, T. (1,2) 777– 785
- Xue, X., L. Chen, X. Wu and Q. Sun, Vibration mitigation for clamped-free beam using time-delayed controller via Macro-fiber composite (1,2) 175– 182
- Yakushiji, T., see Oka, M. (3,4) 1169–1176
- Yamada, T., see Kitayama, F. (3,4) 1161–1168
- Yamaguchi, D., see Javed, A. (1,2) 223– 229
- Yamaguchi, K., see Terashima, K. (3,4) 1213–1219

- Yamaguchi, T., O. Mihalache and M. Ueda, A study of multi-coils ECT system for SG tubes of FBR using 3D FEM simulations and experimental measurements (3,4) 1185–1191
- Yamaguchi, T., see Mihalache, O. (1,2) 659– 666
- Yamamoto, T., S. Matsuzawa, S. Ogawa, T. Ota and K. Hirata, Study on deformation analysis of high-viscosity electromagnetic fluid employing combined method (3,4) 1519–1524
- Yamamoto, T., Y. Bu and T. Mizuno, Effect of core and magnetoplated wire on energy harvesting using leakage flux recovery coil (3,4) 1341–1349
- Yamamoto, Y., see Kato, T. (1,2) 153– 160
- Yamamoto, Y., see Kurihara, T. (3,4) 1495–1502
- Yamamoto, Y., see Mashino, M. (1,2) 215– 222
- Yamanaka, K., see Murai, M. (3,4) 1525–1530
- Yamanaka, Y., see Murai, M. (3,4) 1525–1530
- Yamaoki, T., M. Ma, K. Nitta and O. Matoba, Temporal-spatial characteristics of optical power ratio distribution for extracting absorber in scattering medium (1,2) 747– 754
- Yamazaki, K., see Nagase, M. (3,4) 1591–1598
- Yan, B., see Li, Y. (1,2) 347– 356
- Yan, G., see Cai, C. (3,4) 1015–1021
- Yan, G., see Li, H. (3,4) 1443–1451
- Yan, G., see Tang, J. (3,4) 975– 981
- Yan, G., see Wang, C. (1,2) 103– 111
- Yan, G., see Wang, C. (1,2) 691– 699
- Yan, G., see Wang, C. (1,2) 711– 719
- Yan, G., see Zhang, J. (1,2) 685– 690
- Yan, X., see Feng, B. (1,2) 357– 362
- Yanagiwara, H., T. Murakami and H. Kikuchi, Relationship between sensitization and magnetic characteristics in 304 stainless steel (3,4) 1075–1080
- Yang, B., H. Geng, Y. Sun and L. Yu, Dynamic characteristics of hybrid foil-magnetic bearings (HFMBs) concerning eccentricity effect (1,2) 271– 279
- Yang, F., see Cheng, Y. (1,2) 443– 451
- Yang, G., C. Pei, P. Xiao, Z. Chen, W. Wang and G. Luo, A rotating bias magnetic field EMAT and applications to NDT of ITER divertor components (3,4) 1331–1339
- Yang, G., see Sun, Y. (3,4) 1099–1106
- Yang, H., see Luo, Y. (3,4) 1369–1376
- Yang, J., S. Yang and J. Huang, A novel approach to deal with periodic boundary conditions for 3D eddy current field problems (1,2) 435– 442
- Yang, K., see Jia, K. (1,2) 183– 190
- Yang, S., see An, S. (3,4) 1151–1159
- Yang, S., see Li, Y. (1,2) 731– 738
- Yang, S., see Wang, L. (1,2) 793– 799
- Yang, S., see Yang, J. (1,2) 435– 442
- Yang, S., see Zhang, W. (1,2) 787– 792
- Yang, S.-H., K. Hirata, T. Ota and Y. Kawase, Impedance characteristics analysis for high-sensitive position sensor (3,4) 1655–1663

- Yang, Y., L. Li, B. Feng and Y. Kang, Theoretical analysis and simulation of an enhancement method for the micro-crack signal in MFL inspection (3,4) 1107–1113
- Yang, Y., L. Li, Z. Deng and Y. Kang, Theoretical analysis and simulation of a new SNR improvement method for the rough surface crack in MFL detection (3,4) 1401–1408
- Yang, Y., see Feng, B. (1,2) 357– 362
- Yanou, A., see Araki, R. (3,4) 907– 916
- Yanou, A., see Cui, Y. (3,4) 867– 873
- Yanou, A., see Hosoya, N. (3,4) 875– 881
- Yanou, A., see Inukai, H. (3,4) 883– 889
- Yao, Y., see Zhao, R. (1,2) 531– 539
- Yashima, K., T. Takagi, H. Kosukegawa, S. Izumi, R. Nagatomi, H. Mori and T. Abe, Design of magnetic stimulation cored coil with cooling system for magnetic stimulation (1,2) 503– 509
- Yazdan, T., W. Zhao and B.-I. Kwon, Optimal design of spoke type motor to improve the torque constant and minimize torque ripple (3,4) 1569–1576
- Ye, C., L. Udpa and S. Udpa, Detection of axial and circumferential notches using transceiver rotating field probe for tube inspection (1,2) 425– 433
- Ye, C., see Safdarnejad, S.M. (1,2) 415– 423
- Ye, C., see Su, Z. (1,2) 315– 322
- Ye, Z., see Sun, Y. (3,4) 1099–1106
- Yi, H., see Luo, Y. (3,4) 1369–1376
- Yin, C., see Cheng, Y. (1,2) 95– 102
- Yin, C., see Cheng, Y. (1,2) 443– 451
- Ying, H., see Wang, C. (1,2) 103– 111
- Ying, H., see Wang, C. (1,2) 711– 719
- Yokoyama, H., see Ido, Y. (1,2) 121– 127
- Yonekura, H., see Honda, S. (1,2) 55– 60
- Yoon, K.-Y., J.-H. Lee and B.-I. Kwon, Characteristics of new interior permanent magnet motor using flared-shape arrangement of ferrite magnets (1,2) 591– 597
- Yoshida, K., see Kinugasa, T. (3,4) 891– 896
- Yoshihara, Y., see Tang, D. (1,2) 511– 516
- Yu, F., see Wang, C. (1,2) 691– 699
- Yu, L., see Xia, K. (1,2) 281– 288
- Yu, L., see Yang, B. (1,2) 271– 279
- Yuan, Y., see Zhao, M. (3,4) 1123–1131
- Yukawa, A., A. Kono, T. Nishii, N. Kamiura, S. Kobashi and Y. Hata, Pulmonary artery domain region extraction from MDCT image (1,2) 479– 486
- Yusa, N. and S. Sawada, Demonstration of low-frequency vibration tests to evaluate bolt loosening (1,2) 89– 94
- Zhang, C., see Ni, N. (3,4) 1577–1584
- Zhang, C., see Qiu, J. (1,2) 25– 33
- Zhang, D., M. Wu, H. Li, Z. Chen, Y. Li and S. Xie, Research on strategies to improve measurement of coating thickness in hemispherical steel shells for an inclined eddy current sensor (3,4) 1409–1415

- Zhang, D., see Li, H. (3,4) 1133–1139
- Zhang, F., see Jiang, J. (3,4) 1115–1122
- Zhang, F., see Shao, S. (3,4) 1035–1043
- Zhang, F., see Xia, K. (1,2) 281– 288
- Zhang, H., see Guan, W. (1,2) 701– 709
- Zhang, H., see Wang, C. (1,2) 691– 699
- Zhang, J., L. Dong, G. Yan and K. Shao, Improved LLE algorithm and its application (1,2) 685– 690
- Zhang, L., see Ni, N. (3,4) 1577–1584
- Zhang, M., see Sun, F. (1,2) 667– 675
- Zhang, Q., X. Wu and J. Li, An analytical method for pulsed eddy current testing of the steel plate with a flat-bottom hole (1,2) 339– 345
- Zhang, S., see Zheng, Y. (3,4) 1313–1320
- Zhang, S., Y. Zhang, X. Zhang and Y. Zheng, Fuzzy PID control of doubly curved shell using MFC actuator (3,4) 1277–1286
- Zhang, W., S. Yang, Y. Bai and J. Huang, A tabu search based metaheuristic for fast global optimizations of inverse problems (1,2) 787– 792
- Zhang, W., Y. Ma and Z. Li, Numerical simulation of neural probe geometry parameters under brain micromotion (1,2) 471– 477
- Zhang, W., Y. Ma and Z. Li, Numerical simulation of neural probe's insertion process into brain tissue (3,4) 1061–1067
- Zhang, X., see Chen, Y. (1,2) 407– 414
- Zhang, X., see Dong, G. (3,4) 1321–1329
- Zhang, X., see Fu, X. (3,4) 1087–1097
- Zhang, X., see Hu, Z. (3,4) 1359–1367
- Zhang, X., see Luo, Y. (3,4) 1369–1376
- Zhang, X., see Mao, B. (3,4) 1351–1358
- Zhang, X., see Sun, F. (1,2) 667– 675
- Zhang, X., see Zhang, S. (3,4) 1277–1286
- Zhang, X., see Zhang, Y. (1,2) 251– 260
- Zhang, X., see Zheng, Y. (3,4) 1313–1320
- Zhang, Y., S. Huang, S. Wang, Z. Wei and W. Zhao, Recognition of overlapped Lamb wave detecting signals in aluminum plate by EMD-based STFT flight time extraction method (3,4) 991– 998
- Zhang, Y., see Dong, G. (3,4) 1321–1329
- Zhang, Y., see Zhang, S. (3,4) 1277–1286
- Zhang, Y., Y. Luo and X. Zhang, Nonlinear vibration control of a piezoelectric beam with a fuzzy logic controller (1,2) 251– 260
- Zhang, Z., see Zheng, Y. (3,4) 1313–1320
- Zhao, F., H. Lin and B.-I. Kwon, Performance evaluation of single-phase and two-phase U-core stator motors with notched structures in stator segment (1,2) 835– 842
- Zhao, F., H. Lin and B.-I. Kwon, Design and analysis of a novel three-phase U-core stator PMSM with modular topology (1,2) 771– 776
- Zhao, J., see Zhao, M. (3,4) 1123–1131

- Zhao, M., Y. Yuan, Z. Shi, J. Zhao and Y. Wang, An efficient approach to the construction of motion graphs (3,4) 1123–1131
- Zhao, R., Y. Yao and Y. Luo, Design and evaluation of a variable stiffness over tube based on low-melting-point-alloy for endoscopic surgery (1,2) 531– 539
- Zhao, W. and B.-I. Kwon, Cost-effective permanent magnet shape for reducing cogging torque and torque ripple in surface-mounted permanent magnet machines (1,2) 817– 825
- Zhao, W. and B.-I. Kwon, Dual rotor flux switching permanent magnet machines with phase-group concentrated-coil windings for high performance (1,2) 599– 607
- Zhao, W., see Chen, D. (3,4) 1477–1484
- Zhao, W., see Han, J. (3,4) 1023–1034
- Zhao, W., see Yazdan, T. (3,4) 1569–1576
- Zhao, W., see Zhang, Y. (3,4) 991– 998
- Zheng, Y., see Zhang, S. (3,4) 1277–1286
- Zheng, Y., X. Zhang, C. Ma, Z. Zhang and S. Zhang, An ultra-low frequency pendulum isolator using a negative stiffness magnetic spring (3,4) 1313–1320
- Zhong, B., see Wang, C. (1,2) 103– 111
- Zhong, B., see Wang, C. (1,2) 711– 719
- Zhong, B., see Wang, J. (3,4) 983– 990
- Zhou, J., see Mao, B. (3,4) 1351–1358
- Zhou, X., see Cheng, Y. (1,2) 443– 451
- Zhou, Y., M. Wang, L. Zhu and Y. Luo, The study of the characteristics of constant-force elements using NiTi SMAs (3,4) 1469–1475
- Zhu, L., see Zhou, Y. (3,4) 1469–1475
- Zhu, L., Y. Wu and Y. Luo, Experimental evaluation of a novel injection suspended impeller for implantable centrifugal blood pump (1,2) 525– 530
- Zhu, Z., see Xu, J. (3,4) 959– 966
- Zhu, Z., X. Li and J. Xu, Stochastic bifurcation characteristics of giant magnetostrictive-piezoelectric vibration energy harvester (1,2) 851– 858
- Zhub, C., see Fu, X. (3,4) 1087–1097