

Author Index Volume 50 (2016)

- Abd Fatah, A.Y., S.A. Mazlan, T. Koga, H. Zamzuri and F. Imaduddin, Design of magnetorheological valve using serpentine flux path method (1) 29– 44
- Alam, T., M.T. Islam, M.R.I. Faruque, F. Mansor, H. Arshad and M. Samsuzzaman, A quadrilateral shape broadband antenna for wireless application (1) 45– 49
- Alam, T., see Islam, M.M. (1) 11– 28
- Alam, T., see Samsuzzaman, M. (2) 311–320
- Arshad, H., see Alam, T. (1) 45– 49
- Bao, X., H. Wang, C. Di and Z. Cheng, Magnetic field monitoring in submersible motor under eccentricity fault considering slotting effect (2) 233–245
- Belgrand, T., see Parent, G. (4) 583–592
- Brudny, J.-F., see Parent, G. (4) 583–592
- Cai, J., X. Sun and X. Zhao, A total energy reduction shielding effectiveness description for enclosures (2) 283–295
- Cao, J., see Yan, W. (2) 247–254
- Chen, H.-Y., see Ma, B. (1) 201–213
- Chen, I.-F., see Peng, C.-M. (2) 225–232
- Chen, J., B. Zhang, Y. Ding and H. Ding, Field analysis of a sinusoidal-edged Halbach magnet array using the differential quadrature finite element method (1) 63– 80
- Chen, J., see Ma, B. (1) 201–213
- Chen, Y.-W., see Ma, B. (1) 201–213
- Chen, Z., Z. Li and H. Ma, Cogging torque reduction in surface-mounted permanent magnet machines with nonuniform slot distributions (3) 467–482
- Cheng, P., F. Yang, H. Luo, G. Guo, W. Ran, Y. Yang and I. Ullah, A method to calculate the reactive power of iced transmission line based on Poynting vector and FDFD (3) 417–433
- Cheng, Q., Z. Zhang and N. Xie, Power losses analysis of the gasoline direct injector within different driven strategies (3) 379–394
- Cheng, Z., see Bao, X. (2) 233–245
- Cheong, L.Y., see Jilani, M.T. (2) 353–363
- Díaz, G.A. and E.E. Mombello, New compact and singularity free formulations for the magnetic field produced by a finite cylinder considering linearly varying current density (3) 483–501
- da S. Fonseca, W., D. de S. Lima, A.K.F. Lima, N.S. Soeiro and M.V.A. Nunes, Analysis of electromagnetic-mechanical stresses on the winding of a transformer under inrush currents conditions (4) 511–524

- de S. Lima, D., see da S. Fonseca, W. (4) 511–524
- Di, C., see Bao, X. (2) 233–245
- Ding, H., see Chen, J. (1) 63– 80
- Ding, Y., see Chen, J. (1) 63– 80
- Dong, J.-F., see Zhai, X.-M. (3) 395–405
- El-Bary, A.A., see Ezzat, M.A. (4) 549–567
- Ezzat, M.A. and A.A. El-Bary, Magneto-thermoelectric viscoelastic materials with memory-dependent derivative involving two-temperature (4) 549–567
- Fang, S., see Zhang, Y. (4) 617–626
- Faruque, M.R.I., see Alam, T. (1) 45– 49
- Faruque, M.R.I., see Islam, M.M. (1) 11– 28
- Faruque, M.R.I., see Islam, S.S. (1) 145–153
- Fu, G., see Zhang, Z.-Y. (2) 331–337
- Gao, H. and W. Song, Analysis on unbalance vibration and compensation for maglev flywheel (1) 177–187
- Gerstbauer, E., see Pfützner, H. (1) 81– 95
- Ghaffar, A., see Yaqoob, M.Z. (1) 51– 61
- Ghandehari, M.B., A. Khazaei and S. Vaezi, A novel method to eliminate the resonance of a rectangular enclosure with aperture (2) 215–224
- Guo, G., see Cheng, P. (3) 417–433
- Hajima, K., M. Yamashita and T. Honda, Performance evaluation of magnetically driven cytology brush applicable to capsule endoscopy (1) 167–176
- Hao, Z., see Peng, C.-M. (2) 225–232
- He, H., see Ma, B. (1) 201–213
- Honda, T., see Hajima, K. (1) 167–176
- Hong, T., see Tang, Z.-M. (2) 321–330
- Hossain, M.I., see Islam, M.M. (1) 11– 28
- Hrizi, H., see Jamel, B.R.H. (1) 155–166
- Hu, C., see Su, Y.-G. (4) 627–636
- Huang, C., F. Wu, J. Zhao and D. Zhou, A novel fault diagnosis method in SVPWM voltage-source inverters for vector controlled induction motor drives (1) 97–111
- Huang, K.-M., see Liao, Y.-H. (2) 275–282
- Huang, K.-M., see Tang, Z.-M. (2) 321–330
- Huang, P., see Zhang, Z.-Y. (2) 331–337
- Huang, Y., see Zhang, Y. (4) 617–626
- Hung, C.-C., see Peng, C.-M. (2) 225–232
- Imaduddin, F., see Abd Fatah, A.Y. (1) 29– 44
- Islam, M.M., M.T. Islam, M.R.I. Faruque, N. Misran, M. Samsuzzaman, M.I. Hossain and T. Alam, A compact disc-shaped super wideband patch antenna with a structure of parasitic element (1) 11– 28

- Islam, M.M., see Samsuzzaman, M. (2) 311–320
- Islam, M.T., see Alam, T. (1) 45–49
- Islam, M.T., see Islam, M.M. (1) 11–28
- Islam, M.T., see Islam, S.S. (1) 145–153
- Islam, M.T., see Samsuzzaman, M. (2) 311–320
- Islam, S.S., M.R.I. Faruque and M.T. Islam, A new NZRI metamaterial for electromagnetic cloaking operation (1) 145–153
- Jadoon, A., see Yang, Y. (2) 297–309
- Jamel, B.R.H., H. Hrizi and N. Sboui, Analysis and improvement of HF circuits based on SIW and DGS technologies using iterative method (1) 155–166
- Jilani, M.T., W.P. Wen, M.Z.U. Rehman, A.M. Khan and L.Y. Cheong, Microwave sensor for non-destructive dielectric characterization of biological systems (2) 353–363
- Khan, A.M., see Jilani, M.T. (2) 353–363
- Khan, Y., see Yaqoob, M.Z. (1) 51–61
- Khazaei, A., see Ghandehari, M.B. (2) 215–224
- Kim, S.-J., see Lee, S.-H. (3) 503–510
- Kim, Y.-J., see Lee, S.-H. (3) 503–510
- Kim, Y.-J., see Park, E.-J. (4) 637–645
- Koga, T., see Abd Fatah, A.Y. (1) 29–44
- Kou, K., see Wang, C. (3) 367–377
- Lecoite, J.-P., see Parent, G. (4) 583–592
- Lee, K.-S., see Lee, S.-H. (3) 503–510
- Lee, S.-H., Y.-J. Kim, K.-S. Lee and S.-J. Kim, Prediction of dynamic characteristics of permanent magnet motor using numerical analysis coupled with motion equation (3) 503–510
- Li, D.C., see Yang, X.L. (3) 407–415
- Li, H., see Wang, W.-J. (2) 263–273
- Li, J., see Liu, S. (1) 113–125
- Li, J., see Sun, L. (1) 189–200
- Li, L., see Li, R. (4) 605–615
- Li, R. and L. Li, Partial element equivalent circuit modeling and design for wireless power transfer system via magnetic resonant coupling (4) 605–615
- Li, T.-Q., see Ma, B. (1) 201–213
- Li, X., see Wang, B. (1) 1–10
- Li, X., see Wang, C. (3) 367–377
- Li, Y., see Liu, Z. (4) 593–603
- Li, Z., see Chen, Z. (3) 467–482
- Li, Z., see Shi, T. (4) 525–535
- Liao, Y.-H., H.-C. Zhu and K.-M. Huang, Fast algorithm for electromagnetic pulse heating on dispersive medium (2) 275–282
- Liao, Y.-H., see Tang, Z.-M. (2) 321–330
- Lima, A.K.F., see da S. Fonseca, W. (4) 511–524
- Lin, A., see Ma, B. (1) 201–213

- Lin, H., see Zhang, Y. (4) 617–626
- Liu, C., see Ning, Y. (3) 435–448
- Liu, H., see Sun, L. (1) 189–200
- Liu, J., see Liu, S. (1) 113–125
- Liu, M.-B., see Wang, W.-J. (2) 263–273
- Liu, S., J. Liu, Z. Wu and J. Li, Bifurcation control for electromechanical coupling torsional vibration in rolling mill system driven by DC motor (1) 113–125
- Liu, X., see Xue, X. (4) 569–581
- Liu, X., see Yang, Y. (2) 297–309
- Liu, Z., Y. Su, Y. Li, Z. Pan and X. Wang, Numerical calculation of shielding effectiveness of electromagnetic shielding fabric based on finite difference time domain (4) 593–603
- Long, C., see Wang, C. (3) 367–377
- Luo, H., see Cheng, P. (3) 417–433
- Ma, B., X.-M. Yang, T.-Q. Li, H.-Y. Chen, H. He, Y.-W. Chen, A. Lin, J. Chen and B.-J. Wang, Gain and directivity enhancement of microstrip antenna loaded with multiple splits octagon-shaped metamaterial superstrate (1) 201–213
- Ma, H., see Chen, Z. (3) 467–482
- Mahmoud, I. and H. Rehaouia, Design, nonlinear modelling and performances of a biomedical system (1) 127–143
- Mahmud, M.Z., see Samsuzzaman, M. (2) 311–320
- Mandeep, J.S., see Samsuzzaman, M. (2) 311–320
- Mansor, F., see Alam, T. (1) 45–49
- Mansouri, A., N. Smairi and H. Trabelsi, Multi-objective optimization of an in-wheel electric vehicle motor (3) 449–465
- Mazlan, S.A., see Abd Fatah, A.Y. (1) 29–44
- Misran, N., see Islam, M.M. (1) 11–28
- Mohamed, A., see Mohamed, R. (4) 537–548
- Mohamed, R., M.R. Sarker and A. Mohamed, An optimization of rectangular shape piezoelectric energy harvesting cantilever beam for micro devices (4) 537–548
- Mombello, E.E., see Díaz, G.A. (3) 483–501
- Naqvi, Q.A., see Yaqoob, M.Z. (1) 51–61
- Ning, Y. and C. Liu, Analysis and calculation of electromagnetic and temperature field in a hybrid excitation synchronous generator (3) 435–448
- Nunes, M.V.A., see da S. Fonseca, W. (4) 511–524
- Pan, Z., see Liu, Z. (4) 593–603
- Parent, G., R. Penin, J.-P. Lecointe, J.-F. Brudny and T. Belgrand, A new approach to the critical induction in transformer cores (4) 583–592
- Park, E.-J., K. Suzuki and Y.-J. Kim, The effect of armature offset for the reduction of end cogging force (4) 637–645
- Peng, C.-M., I-F. Chen, C.-C. Hung and Z. Hao, Dual cross-shaped shorted-slots loaded patch antenna for WLAN applications (2) 225–232
- Penin, R., see Parent, G. (4) 583–592

- Pfützner, H., G. Shilyashki, E. Gerstbauer and G. Trenner, Multi-directionally non-linear magnetic equivalence circuit calculation (MACC) of rotational magnetization intensity in transformer cores (1) 81– 95
- Pi, X., see Sun, L. (1) 189–200
- Qi, Z., see Wang, B. (1) 1– 10
- Ran, W., see Cheng, P. (3) 417–433
- Rehaoulia, H., see Mahmoud, I. (1) 127–143
- Rehman, M.Z.U., see Jilani, M.T. (2) 353–363
- Ren, X., see Wang, B. (1) 1– 10
- Ren, X., see Wang, W.-J. (2) 263–273
- Samsuzzaman, M., M.T. Islam, J.S. Mandeep, M.Z. Mahmud, T. Alam and M.M. Islam, Miniaturized dual band Y shaped antenna by high dielectric ceramic filled bio plastic composite material (2) 311–320
- Samsuzzaman, M., see Alam, T. (1) 45– 49
- Samsuzzaman, M., see Islam, M.M. (1) 11– 28
- Sarker, M.R., see Mohamed, R. (4) 537–548
- Sboui, N., see Jamel, B.R.H. (1) 155–166
- Shakir, I., see Yaqoob, M.Z. (1) 51– 61
- Shi, T., D. Wang, Z. Li and D. Zheng, Modeling of disk-type permanent magnet eddy-current driver based on soft measurement method and performance analysis (4) 525–535
- Shilyashki, G., see Pfützner, H. (1) 81– 95
- Smairi, N., see Mansouri, A. (3) 449–465
- Soeiro, N.S., see da S. Fonseca, W. (4) 511–524
- Song, W., see Gao, H. (1) 177–187
- Su, Y., see Liu, Z. (4) 593–603
- Su, Y.-G., S. Zhang, C. Hu, C.-S. Tang and W. Zhou, An embeddable transmitter coil applied to electric vehicles powered by IPT system (4) 627–636
- Sun, L., X. Pi, H. Liu and J. Li, Super-high speed medical micro-motor design and thermal field calculation (1) 189–200
- Sun, T., Directivity factor of coupled antennas for microwave heating of asphalt mixture (4) 647–663
- Sun, X., see Cai, J. (2) 283–295
- Sun, Y., see Wang, W.-J. (2) 263–273
- Suzuki, K., see Park, E.-J. (4) 637–645
- Tang, C.-S., see Su, Y.-G. (4) 627–636
- Tang, Q., see Yan, W. (2) 247–254
- Tang, Z.-M., K.-M. Huang, Y.-H. Liao, T. Hong and H.-C. Zhu, Study on stability of electric field in multimode microwave heating cavity (2) 321–330
- Tian, X., see Xue, X. (4) 569–581
- Trabelsi, H., see A. Mansouri (3) 449–465
- Trenner, G., see Pfützner, H. (1) 81– 95
- Tseng, K.-J., see Zhang, M. (2) 339–352

- Uddin, M.J. and M.H. Ullah, The effective periodic homogeneous metamaterials for infinite complementary dielectric slab characteristics (2) 255–262
- Ullah, I., see Cheng, P. (3) 417–433
- Ullah, M.H., see Uddin, M.J. (2) 255–262
- Vaezi, S., see Ghandehari, M.B. (2) 215–224
- Wang, B., Y. Zhuang, X. Li, Y. Zhang, Z. Qi and X. Ren, Compact antenna with modified L-shape feed line for dual band operation (1) 1– 10
- Wang, B.-J., see Ma, B. (1) 201–213
- Wang, C., X. Li, K. Kou, T. Wu and C. Long, Analytical model of magnetic field distribution in the air-gap of quartz flexible accelerometer (3) 367–377
- Wang, D., see Shi, T. (4) 525–535
- Wang, E., see Yan, W. (2) 247–254
- Wang, H., see Bao, X. (2) 233–245
- Wang, H.-B., see Zhai, X.-M. (3) 395–405
- Wang, W.-J., X. Ren, Y. Sun, H. Li and M.-B. Liu, Development of a strain measurement method utilizing a rectangular microstrip patch antenna (2) 263–273
- Wang, X., see Liu, Z. (4) 593–603
- Wen, W.P., see Jilani, M.T. (2) 353–363
- Wu, F., see Huang, C. (1) 97–111
- Wu, T., see Wang, C. (3) 367–377
- Wu, Z., see Liu, S. (1) 113–125
- Xie, N., see Cheng, Q. (3) 379–394
- Xue, X., X. Tian, D. Zhang and X. Liu, Design of a piezo-driven inchworm flexure stage for precision positioning (4) 569–581
- Yamashita, M., see Hajima, K. (1) 167–176
- Yan, W., J. Yu, Q. Tang, H. Zhang, J. Cao and E. Wang, Analysis and mitigation on conducted electromagnetic interference of semi-active control strategy for magneto-rheological damper (2) 247–254
- Yang, F., see Cheng, P. (3) 417–433
- Yang, F., see Yang, Y. (2) 297–309
- Yang, L., see Zhang, Z.-Y. (2) 331–337
- Yang, X.L. and D.C. Li, Experimental investigation of diverging stepped magnetic fluid seals with large sealing gap (3) 407–415
- Yang, X.-M., see Ma, B. (1) 201–213
- Yang, Y., see Cheng, P. (3) 417–433
- Yang, Y., X. Liu, F. Yang, A. Jadoon and C. Zhang, Analysis of DC bias vibration of transformer core based on electromagnetic force field coupling (2) 297–309
- Yao, L.-F., see Zhai, X.-M. (3) 395–405
- Yaqoob, M.Z., I. Shakir, A. Ghaffar, Y. Khan and Q.A. Naqvi, Transmission of electromagnetic wave from anisotropic plasma coated nihility circular cylinder (1) 51– 61
- Yu, J., see Yan, W. (2) 247–254

- Zamzuri, H., see Abd Fatah, A.Y. (1) 29– 44
- Zhai, X.-M., L.-F. Yao, H.-B. Wang and J.-F. Dong, Multi-band asymmetric transmission and mutual conversion in near-infrared band (3) 395–405
- Zhang, B., see Chen, J. (1) 63– 80
- Zhang, C., see Yang, Y. (2) 297–309
- Zhang, D., see Xue, X. (4) 569–581
- Zhang, H., see Yan, W. (2) 247–254
- Zhang, M. and K.-J. Tseng, Lumped magnetic circuit model for faulty machine performance prediction (2) 339–352
- Zhang, S., see Su, Y.-G. (4) 627–636
- Zhang, Y., H. Lin, S. Fang and Y. Huang, Comparison and analysis of dual stator permanent magnet vernier machines with different pole/slot combinations for low speed direct drive applications (4) 617–626
- Zhang, Y., see Wang, B. (1) 1– 10
- Zhang, Z., see Cheng, Q. (3) 379–394
- Zhang, Z.-Y., L. Yang, S.-L. Zuo, P. Huang and G. Fu, A novel miniature circularly polarized antenna with beamwidth improvement (2) 331–337
- Zhao, J., see Huang, C. (1) 97–111
- Zhao, X., see Cai, J. (2) 283–295
- Zheng, D., see Shi, T. (4) 525–535
- Zhou, D., see Huang, C. (1) 97–111
- Zhou, W., see Su, Y.-G. (4) 627–636
- Zhu, H.-C., see Liao, Y.-H. (2) 275–282
- Zhu, H.-C., see Tang, Z.-M. (2) 321–330
- Zhuang, Y., see Wang, B. (1) 1– 10
- Zuo, S.-L., see Zhang, Z.-Y. (2) 331–337