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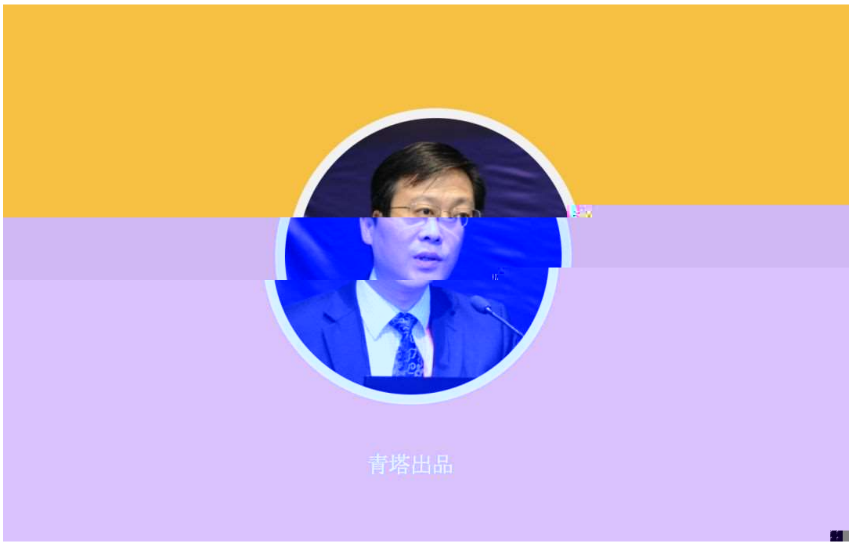

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(1) Xia Changliang, Zhang Guozheng, Yan Yan, Gu Xin, Shi Tingna, and He Xiangning. Discontinuous Space Vector PWM Strategy of Neutral-Point-Clamped Three-Level Inverters for Output Current Ripple Reduction. IEEE Transactions on Power Electronics, 2017, 32(7): 5109-5121. SCI 1

(2) Xia Changliang, Wang Shuai, Wang Zhiqiang, Shi Tingna. Direct Torque Control for VSI-PMSMs Using Four-Dimensional Switching-Table. IEEE Transactions on Power Electronics, 2016, 31(8):5774-5785. SCI 1

(3) Xia Changliang, Wang Shuai, Gu Xin, Yan Yan, Shi Tingna. Direct Torque Control for VSI-PMSM using Vector Evaluation Factor Table. IEEE Transactions on Industrial Electronics, 2016, 63(7): 4571–4583. SCI 1

(4) Xia Changliang, Jiang Guokai, Chen Wei, Shi Tingna. Switching-Gain Adaptation Current Control for Brushless DC Motors. IEEE Transactions on Industrial Electronics, 2016, 63(4): 2044-2052. SCI 1

(5) Xia Changliang, Li Shanhu, Yan Yan, Shi Tingna. Research on Linear Output Voltage Transfer Ratio for Ultrasparse Matrix Converter. IEEE Transactions on Power Electronics, 2016, 31(3):1811-1815. SCI 1

(6) Xia Changliang, Ji Bingnan, Yan yan. Smooth Speed Control for Low-Speed High-Torque Permanent-Magnet Synchronous Motor Using Proportional-Integral-Resonant Controller. IEEE Transactions on Industrial Electronics, 2015, 62(4): 2123-2134. SCI 1

(7) Xia Changliang, Li Xinmin. Z-Source Inverter-Based Approach to the Zero-Crossing Point Detection of Back EMF for Sensorless Brushless DC Motor, IEEE Transactions on Power Electronics, 2015, 30(3): 1488-1498. SCI 1

(8) Xia Changliang, Xiao Youwen, Shi Tingna, Chen Wei. Boost Three-Effective-Vector Current Control Scheme for a Brushless DC Motor With Novel Five-Switch Three-Phase Topology. IEEE Transactions on Power Electronics, 2014, 29(12): 6581-6592. SCI 1

(9) Xia Changliang, Zhao Jiaxin, Yan Yan, Shi Tingna. A Novel Direct Torque Control of Matrix Converter-Fed PMSM Drives Using Duty Cycle Control for Torque Ripple Reduction. IEEE Transactions on Industrial Electronics, 2014, 61(6): 2700-2713. SCI 1

(10) Xia Changliang, Xiao Youwen, Chen Wei, Shi Tingna. Torque Ripple Reduction in Brushless DC Drives Based on Reference Current Optimization Using Integral Variable Structure Control. IEEE Transactions on Industrial Electronics, 2014, 61(2): 738-752. SCI 1

(1) , - , , 2016.

(2) , , , 2014.

(3) , , , 2012.

(4) Xia Changliang, Permanent Magnet Brushless DC Motor Drives and Controls, John Wiley & Sons, Inc. Science Press, 2012.

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