

In this paper, according to the actual characteristics of power equipment infrared image, the network structure and parameters of Faster RCNN are adjusted. Through the ...

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Control Techniques for LCL-Type Grid-Connected Inverters (CPSS Power Electronics Series) [Ruan, Xinbo, Wang, Xuehua, Pan, Donghua, Yang, Dongsheng, Li, ...

Based on above framework, this study analyzes quantitatively the optimum inter-regional power transmission planning under various policy scenarios, and estimates its ...



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Haibo Ruan; Given a finite graph (network), let every node (cell) represent an individual dynamics given by a system of ordinary differential equations, and every arrow (edge) encode the ...

The smart grid is built on a monolithic physical infrastructure of electrical power systems which have been generally categorised into generation, transmission, and distribution ...

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Line Loss is Obtained by Using the Load Power of Cattle Rafah . Dongyue Sun, Haibo Ruan . Anhui Nanrui Jiyuan Power Grid Technology Co., Ltd., Hefei, Anhui Province, China

Xinbo Ruan (Fellow, IEEE) received the B.S. and Ph.D. degrees in electrical engineering from the Nanjing University of Aeronautics and Astronautics (NUAA), Nanjing, China, in 1991 and 1996, ...

(1) Yan Tang, Haibo Ruan*, Yao Chen, Jing Xiang, Hongdong Liu, Rong Jin, Dongping Shi, Shanyong Chen, Jin Zhang, A flexible, room-temperature and solution-processible copper ...

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Dongyue Sun, Haibo Ruan. The Low-Voltage Distribution Area of Theoretical Line Loss is Obtained by Using the Load Power of Cattle Rafah. Journal of Artificial Intelligence Practice ...

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Wang, X, Ruan, X, Liu, S & Tse, CK 2010, " Full feedforward of grid voltage for grid-connected inverter with LCL filter to suppress current distortion due to grid voltage harmonics ", IEEE ...

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generators and the grid, e.g., singularity problem. In [11]-[14], a detailed form of dynamics and algebraic constraints was presented for the grid when constant-power loads are ...

Control Techniques for LCL-Type Grid-Connected Inverters by Xinbo Ruan, Xuehua Wang, Donghua Pan, Dongsheng Yang, Weiwei Li, Chenlei Bao, Aug 07, 2017, ...

1 Anhui Nanrui Jiyuan Power Grid Technology Co., Ltd., Hefei, Anhui Province, China. Corresponding Author Dongyue Sun ABSTRACT. ... Dongyue Sun, Haibo Ruan. The Low ...

Jiyuan, a county-level city of Central China's Henan province, has widely utilized drones to inspect and improve the local power grid, as part of its efforts to ensure a stable ...

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