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Power Drag the control system (motion control system)

By LI HUA DE ZHU

paperback. Book Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment. Paperback. Publisher: Electronic Industry Press. 2 Pub. Date :2006-12-05. book comprehensive and systematic introduction to modern electric drive control system s basic components. the basic principles. the basic control methods. and the system static and dynamic characteristics analysis and digital design. First main elements: a broad based mathematical model of DC motor. the establishment of a DC motor closed-loop control structure and the corresponding control systems; analysis of closed-loop DC drive system. static and dynamic characteristics; describes the reversible DC drive system running method; given electric drive control systems digital control design methods. Second main elements: from the establishment of mathematical model of AC motor starting. about the modern AC motor VVVF speed control system of the basic principles. as well as static and dynamic analysis. Benpian the key elements is the constant frequency control of induction motor than VVVF speed control system; induction motor vector control system and direct torque control system; synchronous motor VVVF speed control system self-control. synchronous motor vector control system and permanent magnet synchronous motor vector control system; in Chapter 10 also describes the...



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