

计算机科学技术文献索引

自动控制题录专集

中国科学院科学数据库工程
计算机科学技术文献数据库协作组

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1. 著录项目举例

J0009(1) 8003481(2) H.1.2(3) 数据网络(4)
DATABASE NETWORK(5) ASANO SHUNAKI(6)
INFORMATION PROCESSING(JAPAN)(7)
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自动控制

- J.10.1 自动控制理论
- J.10.2 自动控制系统
- J.10.3 自动控制工具
- J.10.4 自动控制应用
- J.10.5 其它

作者索引
主题索引

J00001 8502643 J.10.1

3F的工厂自动化

3F FACTORY AUTOMATION

XIAO LIN JIAN WU

AUTOMATION ABROAD

BJ44,SY03

C J 1985 V.7,N.2,P.19-26

AUTOMATIC CONTROL, AUTOMATIC
CONTROL SYSTEM, CPU, INFORMATION
PROCESSING

PARAMETER ESTIMATION OF THE SECOND
ORDER LINEAR APPROXIMATE SYSTEM &
ITS ENGINEERING APPLICATION

SHA WANGJIAN

INFORMATION AND CONTROL

BJ44,SY03

C J 1984 V.13,N.6,P.35-38

AUTOMATIC CONTROL, FEEDBACK
CONTROL, CONTROL SYSTEM, PARAMETER
ESTIMATION
APPROXIMATE SYSTEM

J00002 8502649 J.10.1

现代控制理论在船舶操纵中的应用

MODERN CONTROL THEORY APPLIED TO
SHIP STEERING

MILLERS H-F.

AUTOMATION ABROAD

BJ44,SY03

C J 1985 V.7,N.1,P.34-41

AUTOMATIC CONTROL, OPTIMIZATION,
DIGITAL SIMULATION
CONTROL THEORY

J00006 8503088 J.10.1

两个内连电机的实际反馈控制

REALISTIC FEEDBACK CONTROL OF TWO
INTERCONNECTED TURBOGENERATORS

CHEN Y.N., CHRISTENSEN G.S. ET AL.

JOURNAL OF OPTIMIZATION THEORY &
APPLICATION

SY02

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AUTOMATIC CONTROL, FEEDBACK
CONTROL, OPTIMIZATION, MATHEMATICS
OF COMPUTATION
INTERCONNECTED TURBOGENERATOR

J00003 8502742 J.10.1

INTERKAMA'83: 可编程序前馈控制

INTERKAMA'83: PROGRAMMABLE

FEEDFORWARD CONTROLS

ROCK H.

REGELUNGSTECHNISCHE PRAXIS(RTP)

SY03

D J 1984 V.26,N.3,P.127-13

AUTOMATIC CONTROL, FEEDFORWARD
CONTROL, PROGRAM CONTROL

J00007 8503238 J.10.1

数字位伺服系统: 状态可变反馈系统

DIGITAL POSITION SERVO SYSTEM A

STATE VARIABLE FEEDBACK SYSTEM

MOTA PH., ROGNON J.F. ET AL.

IEEE INDUSTRY APPLICATIONS

BJ40

E C 1983 P.629-636

AUTOMATIC CONTROL, ELECTRONIC
CIRCUIT, FEEDBACK CONTROL, FEEDBACK
SYSTEM
INDUSTRIAL DRIVE

J00004 8502752 J.10.1

前馈在快速高精度数字随动系统中的应用

AN APPLICATION OF FEEDFORWARD TO
HIGH PRECISION DIGITAL SERVO SYSTEM

LI JUNPENG

INFORMATION AND CONTROL

BJ44,SY03

C J 1984 V.13,N.6,P.14-20

AUTOMATIC CONTROL, FEEDFORWARD
CONTROL, SERVO SYSTEM

J00008 8503281 J.10.1

自适应控制用电焊电弧的模拟

MODELING OF ELECTRIC WELDING ARCS
FOR ADAPTIVE FEEDBACK CONTROL

COOK G.E.

IEEE INDUSTRY APPLICATIONS

BJ40

E C 1983 P.1234-1240

AUTOMATIC CONTROL, FEEDBACK SYSTEM,
FEEDBACK CONTROL, MODELING
INDUSTRIAL CONTROL

J00005 8502756 J.10.1

J00009 8504799 J.10.1

FEEDBACK CONTROL, SYSTEM MODEL, CONTROL STRUCTURE

A CONSTANT OUTPUT FEEDBACK DESIGN:
TWO-MATRIX TRANSFORMATION APPROACH
LO E.O., LIU R.W.
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CIRCUITS AND COMPUTERS
BJ41
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AUTOMATIC CONTROL, FEEDBACK SYSTEM,
SYSTEM DESIGN, MATRIX ALGEBRA,
TRANSFORMATION
FEEDBACK DESIGN, TWO-MATRIX
TRANSFORMATION

J00010 8505001 J.10.1

关于光应用测量控制系统的研究开发

RESEARCH AND DEVELOPMENT OF OPTICAL
MEASUREMENT AND CONTROL SYSTEM
SIMADA J.
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LABORATORY
SY03
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AUTOMATIC CONTROL, OPTICAL CONTROL,
OPTICAL DEVICE, LASER

J00011 8506560 J.10.1

多变量自校正调节器及其在加热炉上的 应用

MULTIVARIABLE SELF-TUNING REGULATOR
AND ITS APPLICATION TO ELECTRICALLY
HEATED FURNACES
SHU DIQIAN, LIU LI ET AL.
ACTA AUTOMATICA SINICA
BJ44
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AUTOMATIC CONTROL, MULTIVARIABLE
FEED-BACK SYTSEM, REAL-TIME
CONTROL, SYSTEM-IDENTIFICATION,
APPLICATIONS(ON INDUSTRY)
SELF-TUNING REGULATOR

J00012 8507957 J.10.1

自校正应用于内燃机控制

APPLICATION OF SELF-TUNING TO
ENGINE CONTROL
WELLSTEAD P.E., ZANKER P.M.
AUTOMATION ABROAD
BJ44,SY03
C J 1985 V.7,N.5,P.20-25,3
AUTOMATIC CONTROL, COMPUTER
SUPERVISORY CONTROL SYSTEM,

J00013 8507963 J.10.1

电液位置伺服系统的自适应控制律

ADAPTIVE CONTROL LAW FOR
ELECTROHYDRAULIC POSITION SERVO
SYSTEM
LIN JIANYA, CHEN KEN
INFORMATION AND CONTROL
BJ44,SY03
C J 1985 V.14,N.5,P.8-13
AUTOMATIC CONTROL, SERVO SYSTEM,
MATHEMATICAL MODEL, ALGORITHM,
SIMULATION

J00014 8507995 J.10.1

关于组合和顺序前馈控制的VDU辅助程序发展 和文件的考虑

CONSIDERATIONS ON A VDU-ASSISTED
PROGRAM DEVELOPMENT AND
DOCUMENTATION OF COMBINATION AND
SEQUENCE FEEDFORWARD CONTROLS
WEIDLICH S.
REGELUNGSTECHNISCHE PRAXIS(RTP)
SY03
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AUTOMATIC CONTROL, FEEDFORWARD
CONTROL, PROGRAM DEVELOPMENT

J00015 8508059 J.10.1

关于用自适应控制的变时系统的识别问题: 第一部分

ON THE IDENTIFICATION OF
TIME-VARYING SYSTEMS WITH AN
EXAMPLE OF ADAPTIVE CONTROL, PART 1
KALLIGEROPoulos D.
REGELUNGSTECHNIK(RTP)
SY03
D J 1984 V.32,N.8,P.271-27
AUTOMATIC CONTROL, IDENTIFICATION,
TIME-VARYING NETWORK, FEEDBACK
CONTROL

J00016 8508061 J.10.1

关于用自适应控制的变时系统的识别问题: 第二部分

ON THE IDENTIFICATION OF
TIME-VARYING SYSTEMS WITH AN
EXAMPLE OF ADAPTIVE CONTROL PART 2

KALLIGEROPoulos D.
REGELUNGSTECHNIK(RTP)
SY03
D J 1984 V.32,N.9,P.305-30
AUTOMATIC CONTROL, IDENTIFICATION,
TIME-VARYING NETWORK, FEEDBACK
CONTROL

J00017 8508065 J.10.1

用电缆导引的船舶航线控制

CABLE GUIDED TRACKKEEPING CONTROL
OF SHIPS
LIRMAN M.
REGELUNGSTECHNIK(RTP)
SY03
D J 1985 V.33,N.1,P.15-24
AUTOMATIC CONTROL, DYNAMIC MODEL,
FEEDBACK CONTROL, TRACE PROGRAM

J00018 8508069 J.10.1

级联状态反馈控制

CASCADE STATE FEEDBACK CONTROL
BUHLER H.
REGELUNGSTECHNIK(RTP)
SY03
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AUTOMATIC CONTROL, FEEDBACK
CONTROL, CASCADE NETWORK, STATE

J00019 8508818 J.10.1

经过频率匹配的线性多变量控制系统的 模型变换

MODEL REDUCTION OF LINEAR
MULTIVARIABLE CONTROL SYSTEM VIA
FREQUENCY MATCHING
FUJARA L.R., RATTAN K.S.
IEEE PROCEEDINGS - PART D:
SY02,CD06,BJ40,SY03,BJ42
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AUTOMATIC CONTROL, MULTIVARIABLE
FEEDBACK SYSTEM, CAD, CONTROL
SYSTEM CAD, APPLICATIONS(ON
INDUSTRY)

J00020 8509592 J.10.1

射电望远镜位置闭环系统的微计算机控 制

MICROCOMPUTER CONTROL OF THE
POSITION LOOP SYSTEM OF A RADIO

TELESCOPE
ZHU LIQING, CHU YINGYI ET AL.
MICROCOMPUTER APPLICATION
BJ40
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AUTOMATIC CONTROL, MICROCOMPUTER
CONTROL, SERVO SYSTEM
POSITION LOOP SYSTEM

J00021 8509766 J.10.1

线性多变量系统的分散鲁棒控制器

DECENTRALIZED ROBUST CONTROLLERS
FOR LINEAR MULTIVARIABLE SYSTEMS
TU FENGSHENG
ACTA AUTOMATICA SINICA
BJ44
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AUTOMATIC CONTROL, LINEAR SYSTEM,
DECENTRALIZED CONTROL, THEOREM
PROVING, OPTIMIZATION

J00022 8502652 J.10.2

大型发电厂新型控制系统研究动态

THE STATE OF THE ART OF NEW CONTROL
SYSTEM FOR LARGE POWER STATION
YANG PING, WENG SIYI
AUTOMATION ABROAD
BJ44,SY03
C J 1985 V.7,N.1,P.5-9
AUTOMATIC CONTROL, CONTROL SYSTEM,
OPTIMIZATION, COMPUTER SUPERVISORY
CONTROL SYSTEM, POWER PLANT

J00023 8502655 J.10.2

介绍一种小型集散型控制系统

AN INTRODUCTION OF A SMALLER
CENTRALIZED AND DECENTRALIZED
CONTROL SYSTEM WITH OPERATOR-PROVOK
ZHU NINGRONG
AUTOMATION ABROAD
BJ44,SY03
C J 1984 V.6,N.6,P.51-53
AUTOMATIC CONTROL, CONTROL SYSTEM,
MICROPROCESSOR CONTROLLER

J00024 8502735 J.10.2

自动化系统特征值可靠性的计算

CALCULATION OF CHARACTERISTIC

RELIABILITY VALUES OF AN AUTOMATION SYSTEM

KOOLMAN H., KRATZ W.
REGELUNGSTECHNISCHE PRAXIS(RTP)
SY03
D J 1984 V.26,N.6,P.252-25
AUTOMATIC CONTROL, CONTROL SYSTEM,
RELIABILITY, COMPUTER OPERATION
CALCULATION

J00025 8502736 J.10.2

过程控制系统中复杂控制的配置

CONFIGURING OF COMPLEX CONTROLS IN
PROCESS CONTROL SYSTEM
ECKELMANN W., HOFMANN W. ET AL.
REGELUNGSTECHNISCHE PRAXIS(RTP)
SY03
D J 1984 V.26,N.5,P.210-21
AUTOMATIC CONTROL, PROCESS CONTROL
SYSTEM
COMPLEX CONTROLS

J00026 8502738 J.10.2

INTERKAMA'83: 用于过程控制室的视频系统

INTERKAMA'83: VIDEO SYSTEM FOR
PROCESS CONTROL ROOMS
GRIMM R.
REGELUNGSTECHNISCHE PRAXIS(RTP)
SY03
D J 1984 V.26,N.5,P.204-20
AUTOMATIC CONTROL, PROCESS CONTROL
PROCESS CONTROL ROOMS, VIDEO SYSTEM

J00027 8502763 J.10.2

采用模拟调节器的二级倒立摆的控制

CONTROL OF A DOUBLE INVERTED
PENDULUM USING AN ANALOGUE
REGULATOR
YIN ZHENGQI, FENG ZHUYIN ET AL.
INFORMATION AND CONTROL
BJ44,SY03
C J 1985 V.14,N.1,P.6-10
AUTOMATIC CONTROL, ANALOG,
SIMULATION
ANALOGUE REGULATOR

J00028 8502764 J.10.2

微机控制的体表电位图实时测量和动态显示系统

A MICROCOMPUTER-BASED REAL TIME
MEASUREMENT & DYNAMIC DISPLAY
SYSTEM FOR BODY SURFACE POTENTIAL

HAPS
TAN DONGQIANG
INFORMATION AND CONTROL
BJ44,SY03
C J 1985 V.14,N.1,P.11-15
AUTOMATIC CONTROL, MICROPROCESSOR
CONTROLLER, APPLICATIONS(ON
MEASUREMENT), DATA PROCESSING
SYSTEM, ANALOG SIGNAL PROCESSING
DYNAMIC DISPLAY SYSTEM

J00029 8503217 J.10.2

铝热条带滚轧的温度控制

TEMPERATURE CONTROL FOR ALUMINUM
HOT STRIP MILL
ANDO Y.,SEKIGUCHI K.
IEEE INDUSTRY APPLICATIONS
BJ40
E C 1983 P.94-98
AUTOMATIC CONTROL, AUTOMATIC
CONTROL ENGINEERING
METAL INDUSTRY

J00030 8503236 J.10.2

通过静态频率变换器与应用网络连接的感应发电机

INDUCTION GENERATOR CONNECTED TO A
UTILITY NETWORK THROUGH A STATIC
FREQUENCY CHANGER
SATO N.,UMIDA H. ET AL.
IEEE INDUSTRY APPLICATIONS
BJ40
E C 1983 P.609-616
AUTOMATIC CONTROL, ELECTRICAL
ENGINEERING, ELECTRIC MACHINE
INDUSTRIAL DRIVE

J00031 8503237 J.10.2

循环功率直流驱动微处理机最佳控制

MICROPROCESSOR BASED OPTIMAL
CONTROL FOR CYCLIC DUTY DC DRIVES
SAFIUDDIN M.,SUBBA RAO V.
IEEE INDUSTRY APPLICATIONS
BJ40
E C 1983 P.617-626
AUTOMATIC CONTROL, ELECTRICAL
ENGINEERING, ELECTRIC MACHINE
INDUSTRIAL DRIVE

J00032 8503242 J.10.2

微处理机控制的直流马达驱动的自动联机优化

AUTOMATIC ON-LINE OPTIMIZATION OF

MICROPROCESSOR CONTROLLED AC MOTOR DRIVES

ZACH F.C., BERTHOLD R.J. ET AL.
IEEE INDUSTRY APPLICATIONS

BJ40

E C 1983 P.659-665
AUTOMATIC CONTROL, CONTROL UNIT,
APPLICATIONS(ON INDUSTRY),
MICROPROCESSOR, SIMULATOR
INDUSTRIAL DRIVE

J00033 8503278 J.10.2

工业控制应用的基于微机的零交差参数标准

A MICROCOMPUTER BASED ZERO CROSSING
REFERENCE FOR INDUSTRIAL CONTROL
APPLICATION

SHEPARD M.E., WELLS F.M.
IEEE INDUSTRY APPLICATIONS

BJ40

E C 1983 P.1211-1217
AUTOMATIC CONTROL,
PROCESSOR(HARDWARE),
MICROPROCESSOR, APPLICATIONS(ON
INDUSTRY), FILTER, POWER SUPPLY
SYSTEM
INDUSTRIAL CONTROL

J00034 8503280 J.10.2

固态、微处理机三相马达控制用全特征设计

A FULL-FEATURED DESIGN FOR SOLID
STATE, MICROPROCESSOR-BASED
THREE-PHASE MOTOR CONTROLS

DAVIS R.E.Jr., WESTKAMPER M.J. ET AL
IEEE INDUSTRY APPLICATIONS

BJ40

E C 1983 P.1225-1233
AUTOMATIC CONTROL,
PROCESSOR(HARDWARE),
MICROPROCESSOR, ELECTRICAL
ENGINEERING, ELECTRIC MACHING
INDUSTRIAL CONTROL

J00035 8503539 J.10.2

可变磁阻马达的微处理机控制

MICROPROCESSOR CONTROL OF A VARIABLE
RELUCTANCE MOTOR

CHAPPELL P.H., RAY W.F. ET AL.
IEEE PROCEEDINGS - PART B:

CD06, BJ40, SY03, BJ42

E C 1984 V.131-B, N.2, P.51-
AUTOMATIC CONTROL, MICROPROCESSOR
CONTROL, CLOSED LOOP CONTROL
SYSTEM, INTERFACE DESIGN, ROUTINE,
STEPPING MOTOR
VARIABLE RELUCTANCE MOTOR

J00036 8503723 J.10.2

用于小尺寸航摄的摄影机装置和定时器

A CAMERA MOUNT AND INTERVALOMETER
FOR SMALL FORMAT AERIAL PHOTOGRAPHY
BENSON H.L., MYERS B.J. ET AL.
PHOTOGRAMMETRIC ENGINEERING AND
REMOTE SENSING

BJ41

EJ 1984 V.50, N.11, P.1571-
AUTOMATIC CONTROL, MICROCOMPUTER
CONTROL, FLIP-FLOP, NEW DISPLAY
DEVICE, LIQUID-CRYSTAL DISPLAY

J00037 8503860 J.10.2

在具有有色噪声和随机变换参数的线性离散时间系统中自适应控制

ADAPTIVE CONTROL IN THE LINEAR
DISCRETE-TIME STOCHASTIC SYSTEM
WITH COLORED NOISE AND RANDOMLY
SWITCHED PARAMETER

OHUCHI TAKAO, OHOMO TERUHIKO
TRANS. INSTITUTE OF ELEC. AND
COMMUN. ENGINEERS OF JAPAN (D)

BJ41, BJ40, SY02, CD06

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AUTOMATIC CONTROL, AUTOMATIC
CONTROL SYSTEM, REAL-TIME ADAPTIVE
CONTROL, DISCRETE TWO-DIMENSIONAL
LINEAR PROCESSING
ADAPTIVE CONTROL

J00038 8503967 J.10.2

DJS-063微型机在五坐标铣床控制中的应用

THE APPLICATION OF DJS-063
MICROCOMPUTER IN CONTROL OF FIVE
COORDINATES MILLING-MACHINE

XIA BAOSHUN, YANG YUEDE ET AL.
MICROELECTRONICS AND COMPUTER

BJ40*

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AUTOMATIC CONTROL, MICROCOMPUTER
CONTROL, NUMERICAL CONTROL, MAIN
COMPUTER, INTERFACE
DJS-063

J00039 8504141 J.10.2

关西电力公司御坊发电站3号机的自动化

AUTOMATIZATION OF UNIT NO.3 IN GORO
THERMAL POWER PLANT, THE KANSAI
ELECTRIC POWER CO., INC.

SHIGETA J., TSURUMI H. ET AL.
TOSHIBA REVIEW
BJ42

J J 1985 V.40,N.1,P.49-52
AUTOMATIC CONTROL, PROCESS CONTROL,
MINICOMPUTER CONTROL, AUTOMATIC
CONTROL- SYSTEM STRUCTURE,
MICROPROCESSOR CONTROL
PROGRAMMABLE CONTROLLER, SEQUENCE
CONTROLLER

J00040 8504142 J.10.2

可编程控制器EX250/500

PROGRAMMABLE CONTROLLER, EX250/500
YAHATA T., YANO K. ET AL.
TOSHIBA REVIEW
BJ42

J J 1985 V.40,N.1,P.57-60
AUTOMATIC CONTROL, MICROPROCESSOR
CONTROL, PROCESS CONTROL, NETWORK
SYSTEM, DISTRIBUTED COMPUTER
CONTROL SYSTEM
PROGRAMMABLE CONTROLLER

J00041 8504188 J.10.2

用在微处理机配电装置上的几种通讯界面

A SERIAL COMMUNICATION INTERFACE
FOR MICROPROCESSOR-BASED POWER
DISTRIBUTION APPARATUS
WITTE R.E., SCHUMACHER P.P.
IEEE TRANSACTIONS ON POWER
APPARATUS & SYSTEMS
BJ45, BJ42

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AUTOMATIC CONTROL, MICROPROCESSOR
CONTROL, PROTOCOL, COMMUNICATION
CONTROL SYSTEM, DATA COMMUNICATION
SYSTEM

J00042 8504905 J.10.2

微处理机可控高压直流模拟程序

MICROPROCESSOR-CONTROLLED HVDC
SIMULATOR
ARRILLAGA J., GRAHAM J.C. ET AL.
IEE PROCEEDINGS - PART C:
CD06, BJ40, SY03, BJ42

E J 1984 V.131-C,N.5,P.197
AUTOMATIC CONTROL, MICROPROCESSOR
CONTROL, SIMULATOR, DIGITAL
CONTROL, MICROCOMPUTER SYSTEM

J00043 8504943 J.10.2

采用嵌入式微型计算机的自动对准和校定的原理

PRINCIPLES OF AUTOMATIC ALIGNMENT
AND CALIBRATION USING EMBEDDED
MICROCOMPUTERS

ARINGTON M.L., RILEY M.R.
IEEE TRANSACTIONS ON
INSTRUMENTATION & MEASUREMENT
BJ42

E J 1985 V.IM-34,N.1,P.78-
AUTOMATIC CONTROL, ALIGNMENT,
ALGORITHM, MICROCOMPUTER CONTROL,
ELECTRONIC CIRCUIT

J00044 8505059 J.10.2

用于直流电机速度控制的基于微处理机的数字系统的设计

DESIGN OF THE MICROPROCESSOR-BASED
DIGITAL SYSTEM FOR DC MOTOR SPEED
CONTROL

STOJIC M.R.
IEEE TRANSACTIONS ON INDUSTRIAL
ELECTRONICS
BJ42

E J 1984 V.IE-31,N.3,P.243
AUTOMATIC CONTROL, DIGITAL SYSTEM,
MICROPROCESSOR, DIGITAL
SYSTEM-DESIGN, CONTROL SYSTEM

J00045 8505366 J.10.2

分布式系统中采用网络分割和进程故障的复制

COPING WITH NETWORK PARTITIONS AND
PROCESSOR FAILURES IN A DISTRIBUTED
SYSTEM

MALCOLM M.A., VASUDEVAN R.
IEEE RELIABILITY IN DISTRIBUTED
SOFTWARE AND DATABASE SYSTEM
BJ40

E C 1984 P.36-44
AUTOMATIC CONTROL, DISTRIBUTED
COMPUTER CONTROL SYSTEM,
PARTITIONING, PROTOCOL
IMPLEMENTATION, PROCESSOR(SOFTWARE)
NETWORK PARTITIONS, PROCESSOR
FAILURE

J00046 8505367 J.10.2

表决机器的薄弱环节

THE VULNERABILITY OF VOTING
MECHANISMS
BARBARA D., GARCIA-MOLINA H.
IEEE RELIABILITY IN DISTRIBUTED

SOFTWARE AND DATABASE SYSTEM

BJ40

E C 1984 P.45-53
AUTOMATIC CONTROL, NETWORK SYSTEM,
PARTITIONING, DISTRIBUTED COMPUTER
CONTROL SYSTEM, OPTIMIZATION

J00047 8505371 J.10.2

分布式并行控制机械的性能评价

PERFORMANCE EVALUATION OF
DISTRIBUTED CONCURRENCY CONTROL
MECHANISMS

FORD R., SCHULTZ R. ET AL.
IEEE RELIABILITY IN DISTRIBUTED
SOFTWARE AND DATABASE SYSTEM

BJ40

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COMPUTER CONTROL SYSTEM,
PERFORMANCE EVALUATION, SIMULATOR
CONCURRENT IMPLEMENTATION

J00048 8505378 J.10.2

可靠性分布式系统的基于集聚的命名

CLUSTER-BASED NAMING FOR RELIABLE
DISTRIBUTED SYSTEMS

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SOFTWARE AND DATABASE SYSTEM

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COMPUTER CONTROL SYSTEM,
CLUSTERING, ASSIGNMENT, LOCATION
PROBLEM, DATA MIGRATION
CLUSTER-BASED NAMING, LOCAL NAMING,
MIGRATION

J00049 8505464 J.10.2

分布式计算机控制系统的设计

THE DESIGN OF DISTRIBUTED CONTROL
COMPUTER SYSTEMS

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CONTROL COMPUTER SYSTEM, LOCAL
NETWORK, DECENTRALIZED CONTROL,
PROCESS CONTROL

J00050 8505588 J.10.2

微计算机控制光学绘图系统

MICROCOMPUTER CONTROLLED OPTICAL
PLOT SYSTEM

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MICROCOMPUTER APPLICATION

BJ40

C J 1985 V.6, N.3, P.29-35
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MICROCOMPUTER, MICROCOMPUTER
CONTROL, CAD, PLOTTING DEVICE
OPTICAL PLOT SYSTEM

J00051 8505654 J.10.2

计算机化自动TIP扫描工作

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ENGINEERING, POWER PLANT,
MICROPROCESSOR CONTROL, MONITOR
UNIT

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LEP控制系统的信息结构

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CONTROL SYSTEM

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CONTROL, MESSAGE, PROGRAMMING
LANGUAGE, CONTROL SYSTEM

J00053 8505693 J.10.2

由多母线单板计算机和个人微型计算机控制的FASTBUS主控系统

A FASTBUS MASTER CONTROLLED BY A
MULTIBUS SBC AND BY PERSONAL
MICROCOMPUTER

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COMPUTER, SINGLE-BOARD COMPUTER,
MICROCOMPUTER CONTROL, INTERFACE,
HIGH LEVEL LANGUAGE

J00054 8506032 J.10.2

微机控制的印制电路版自动化绘图、照相、
钻孔与版图复制系统

MICROCOMPUTER-BASED SYSTEM OF
AUTOMATIC PLOTTING, PHOTOGRAPHING,
DRILLING AND LAYOUT ENCODING FOR
PCB

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CONTROL, AUTOMATIC PLOTTING,
SUPPORT SOFTWARE-DEBUGGING
INTERFACE DESIGN
AUTOMATIC PHOTOGRAPHY, YTM

J00055 8506145 J.10.2

实时控制数据处理系统的错误管理和重新
配置

ERROR MANAGEMENT AND
RECONFIGURATION IN REAL-TIME
CONTROL DATA PROCESSING SYSTEM
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CONTROL APPLICATION, DATA
PROCESSING SYSTEM, REAL-TIME
SYSTEM, ERROR CONTROL
COMPUTER APPLICATIONS,
RECONFIGURATION

J00056 8506148 J.10.2

采用脉冲和步测试的自动频率响应和自适应
控制器

AUTOMATIC FREQUENCY RESPONSE AND
ADAPTIVE CONTROLLER DESIGN USING
PULSE AND STEP TESTING

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TRANSFORMATION, CONTRLLER, TESTING
ADAPTIVE CONTROLLER

J00057 8506351 J.10.2

用计算机控制来估计与提高锅炉机组效率

ESTIMATE AND RAISE EFFICIENCY OF
THE BOILER MACHINES WITH COMPUTER
CONTROL
GREEN D.

AUTOMATIC ABROAD

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RELIABILITY COMPUTING,
OPTIMIZATION, ESTIMATION TECHNIQUE

J00058 8506430 J.10.2

机器人制导的光结构和反射区之间实时相互
协作影响

REAL-TIME COOPERATIVE INTERACTION
BETWEEN STRUCTURED-LIGHT AND
REFLECTANCE RANGING FOR ROBOT
GUIDANCE

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CONTROL SYSTEM, ROBOT, INTERACTIVE
SYSTEM, SENSOR

J00059 8506507 J.10.2

女川原子能发电站的设备自动起动系统

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NUCLEAR POWER STATION

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COMPUTER SYSTEM, MICROCOMPUTER
CONTROL

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CONTROL

OPTIMIZATION

J00061 8506512 J.10.2

设有光多重传输装置的水力发电站控制系统

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POWER SYSTEM
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CONTROL, FIBER OPTICAL TRANSMISSION

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北海道电力交付使用的中央供电指挥所
自动供电系统

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CONTROL, TOSHIBA

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大阪市交通局20系列车辆用VVVF(可变电
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VVVF INVERTER CONTROL SYSTEM FOR
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CONTROL, URBAN TRAFFIC CONTROL

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一种全系数的自适应控制方法

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METHOD
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ADAPTIVE CONTROL, RECURSIVE
ALGORITHM, ERROR ANALYSIS,

J00065 8506561 J.10.2

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CONTROL SYSTEM, SYSTEM ANALYSIS,
SYSTEM DESIGN, LOW PASS FILTER
AMPLITUDE CONTROL

J00066 8506563 J.10.2

模型降阶的机理探讨及几种新方法

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MODEL, SYSTEM MODEL-REDUCTIVE

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动态系统“类等效”模型测辨及多可调参数
的PADE模型降阶

IDENTIFICATION OF 'QUASI
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PARAMETERS FOR DYNAMICAL SYSTEMS
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PERFORMANCE, SYSTEM MODELLING,
APPROXIMATION ALGORITHM, SYSTEM
MODEL-IDENTIFICATION

J00068 8506633 J.10.2

三重热交换器的微型计算机控制

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HEAT EXCHANGER
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J00069 8506719 J.10.2

基于微处理机上的发电机控制的装置研制
现状

THE STATUS OF MICROPROCESSOR BASED
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CONTROL, POWER SUPPLY SYSTEM,
SOFTWARE MODELLING

J00070 8506720 J.10.2

带有单板蓄电池充电器的微型计算机控制
混合运载工具

A MICROCOMPUTER CONTROLLED HYBRID
VEHICLE WITH ON-BOARD BATTERY
CHARGER

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CONTROL, TRANSPORT ENGINEERING,
POWER SUPPLY SYSTEM

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CONTROL, POWER SUPPLY SYSTEM,
SOFTWARE ENGINEERING

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分布式控制方面有争论的问题

CONTROVERSIAL ISSUES OF DISTRIBUTED
CONTROL

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CONTROL, CONTROL UNIT, MESSAGE,
POWER PLANT

J00073 8506749 J.10.2

分布式控制的可靠性、速度和主要的性能准则

RELIABILITY AND SPEED, MAJOR
PERFORMANCE CRITERIA OF DISTRIBUTED
CONTROL

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CONTROL, COMPUTER NETWORK, CONTROL
UNIT, RELIABILITY

J00074 8506754 J.10.2

阶跃电压调节器的微型计算机控制

A MICROCOMPUTER CONTROL FOR
STEP-VOLTAGE REGULATORS

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CONTROL, SOFTWARE ENGINEERING,
HARDWARE STRUCTURE, ELECTRONIC
DEVICE

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整体配电控制系统的设计

THE DESIGN OF AN INTEGRATED
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SYSTEM, DATA ACQUISITION, CONTROL

SYSTEM, COMMUNICATION SYSTEM,
SOFTWARE DESIGN

J00076 8506784 J.10.2

把负载管理功能组合在能量控制中心中

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CONTROL, PROGRAM, ALGORITHM,
CONTROL SYSTEM

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利用微型计算机的电动液压定位伺服机构
的数字控制

DIGITAL CONTROL OF AN
ELECTROHYDRAULIC POSITION
SERVOMECHANISM USING A
MICROCOMPUTER

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CONTROL, DIGITAL CONTROL ALGORITHM,
ANALYSIS MODEL, PERFORMANCE
ANALYSIS
ELECTROHYDRAULIC POSITION CONTROL

J00078 8507041 J.10.2

利用微机的变速脉冲宽度调制变换馈送的
感应电机

VARIABLE SPEED PWM INVERTER-FED
INDUCTION MOTOR DRIVE USING
MICROCOMPUTER

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CD06

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CONTROL, DIGITAL CONTROL, CLOSE
LOOP CONTROL, PERFORMANCE
EVALUATION
MOTOR SPEED REGULATION

J00079 8507044 J.10.2

面临转矩失调的直流马达转速的微处理机
自动控制

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SPEED CONTROL OF A DC MOTOR FACED
WITH TORQUE DISTURBANCES
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CD06

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CONTROL, CONTROL SYSTEM, DIGITAL
CONTROL, ALGORITHM, APPLICATIONS (ON
INDUSTRY)
DC MOTOR SPEED CONTROL

J00080 8507265 J.10.2

上层建筑: 为高技术而设计

THE SUPERSTRUCTURE: DESIGNING FOR
HIGH-TECH

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CONTROL ENGINEERING, AUTOMATIC
CONTROL SYSTEM

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HEATING AND COOLING
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AUTOMATIC CONTROL, AUTOMATIC
CONTROL SYSTEM, SENSOR,
MICROCOMPUTER CONTROL

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PORTIA的理想之路: 超高技术

PORTIA'S PERFECT PAD:
SUPERHIGH-TECH

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AUTOMATIC CONTROL, DISTRIBUTED
COMPUTER CONTROL NETWORK,
MICROPROCESSOR

J00083 8507272 J.10.2

所有的家庭设备

ALL THE COMFORTS OF HOME

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AUTOMATIC CONTROL, MICROCOMPUTER

CONTROL, DIGITAL IC, IC

J00084 8507278 J.10.2

车身制造走向高技术

BODY BUILDING GOES HIGH-TECH

FISCHETTI M.A.

IEEE SPECTRUM

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AUTOMATIC CONTROL, MICROPROCESSOR

CONTROL, LED DISPLAY

J00085 8507279 J.10.2

洗涤之方法

THE WAY WE WASH

BELL T.E.

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AUTOMATIC CONTROL, MICROPROCESSOR

CONTROL, MICROCOMPUTER CONTROL

J00086 8507380 J.10.2

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CONTROL ENGINEERING

J00087 8507956 J.10.2

应用微型计算机的电镀锌自控系统

AUTOMATIC CONTROL SYSTEM SUPPLIED

WITH MICROCOMPUTER USED FOR

GALVANIZATION LINE

IRENIVEQ E.V., KOPARAN B.M.

AUTOMATION ABROAD

BJ44, SY03

C J 1985 V.7, N.5, P.16-19

AUTOMATIC CONTROL, AUTOMATIC

CONTROL SYSTEM, MICROCOMPUTER,

SPECIFIC ROUTINE, PROGRAM CONTROL

J00088 8507969 J.10.2

北京质子直线加速器的加速腔频率自动控制 系统分析

AN ANALYSIS OF AUTOMATIC CONTROL

SYSTEM OF THE ACCELERATING CAVITY

OF FREQUENCY OF BFL

DING YI

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AUTOMATIC CONTROL, AUTOMATIC

CONTROL SYSTEM, SYSTEM ANALYSIS

J00089 8507979 J.10.2

为制造工业提供自动化系统

PROVIDING AUTOMATED SYSTEMS FOR

MANUFACTURING INDUSTRY

HEGINBOTHAM W.B.

THE INDUSTRIAL ROBOT

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AUTOMATIC CONTROL, AUTOMATIC

CONTROL SYSTEM, INDUSTRIAL CONTROL,

MANUFACTURING

J00090 8507984 J.10.2

制造业的自动化系统

AUTOMATION SYSTEMS FOR

MANUFACTURING

HAMM R., THON H.-J.

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SY03

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AUTOMATIC CONTROL, AUTOMATIC

CONTROL SYSTEM, MANUFACTURING

J00091 8508051 J.10.2

分布参数控制系统中忽视模式的影响

ON THE INFLUENCE OF NEGLECTED MODES
IN DISTRIBUTED PARAMETER CONTROL

SYSTEM
FRANKE D.
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COMPUTER CONTROL SYSTEM, LINEAR
PARAMETER SETIMATION

FUZZY CONTROLS AND LINGUISTIC
CONTROL ALGORITHMS-- A CRITICAL
INVENTORY
BIEKER B.
REGELUNGSTECHNIK(RTP)
SY03
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AUTOMATIC CONTROL, FUZZY CONTROL,
LINGUISTICS, ALGORITHM

J00092 8508052 J.10.2

具有单位周期从零到左的离散控制系统的
简单自调对策

SIMPLE SELF-TUNING STRATEGY FOR
DISCRETE CONTROL SYSTEMS WITH A
ZERO TO THE LEFT OF THE UNIT CIRCLE
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REGELUNGSTECHNIK(RTP)
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AUTOMATIC CONTROL, DISCRETE CONTROL
SYSTEM, TRANSFER FUNCTION

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一种使用模糊测量的人工评价过程模式

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USING FUZZY MEASURE
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EVALUATION, ALGORITHM, MATHEMATICAL
MODEL

J00093 8508053 J.10.2

变时离散线性系统稳定性判定

A STABILITY CRITERION FOR
TIME-VARYING DISCRETE LINEAR
SYSTEMS
LUDYK G.
REGELUNGSTECHNIK(RTP)
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STABILITY, TIME-VARYING NETWORK

J00097 8508394 J.10.2

微计算机控制柴油机(狄赛尔机)

A MICROCOMPUTER CONTROLLED DIESEL
ENGINE
BLAZEK Z., JAMES V.
MICROPROCESSING AND
MICROPROGRAMMING
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CONTROL, REAL-TIME CONTROL,
MICROCOMPUTER-APPLICATIONS(ON
INDUSTRY)

J00094 8508067 J.10.2

信道网络中最佳流量分布

OPTIMAL FLOW DISTRIBUTION IN
CHANNEL NETWORKS
PAPAGEORGIOU M.
REGELUNGSTECHNIK(RTP)
SY03
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AUTOMATIC CONTROL, FLOW CONTROL,
DISTRIBUTED NETWORK, OPTIMIZATION,
CHANNEL

J00098 8508784 J.10.2

大规模直接负载控制系统的实现——一些
重要的因素

IMPLEMENTATION OF A LARGE-SCALE
DIRECT LOAD CONTROL SYSTEM--SOME
CRITICAL FACTORS
STITT J.
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CONTROL, CONTROL SYSTEM, ENERGY
ENGINEERING, MONITOR

J00095 8508068 J.10.2

模糊控制和语言学控制算法——一种关键性
库存清单

J00099 8508801 J.10.2

Revelstoke水力发电工程的控制和保护设计

CONTROL AND PROTECTION DESIGN OF
REVELSTOKE HYDROELECTRIC PROJECT
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CONTROL, ENERGY ENGINEERING, DATA
ACQUISITION, PROTECTION SYSTEM

J00100 8508808 J.10.2

实时应用中的应急算法

AN EMERGENCY CONTROL ALGORITHM FOR
REAL-TIME APPLICATIONS
KUPPURAJULU A.
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程序信息控制器和超前滞后补偿器的微处理机执行

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用于数字控制系统的故障响应技术