The Cover

TOSHIBA REVIEW 1995 VOL.50 NO.10

Special Issues:
Color Television / CIEMAC$_{TM}$ Open and Rightsizing Integrated Control System

---

Special Reports

Color Television

- Global Designs for Color Television
- New Technologies in Television for Consumer Use
- SUPERBRIGHTRON$_{TM}$ Color Picture Tube
- High-Performance Technologies Including 9-Frame Search Function
- High-Quality Picture and Sound Technologies for Television for Consumer Use
- Microcontroller System for Consumer Television
- Power and Deflection Circuit Technology for Television

CIEMAC$_{TM}$ Open and Rightsizing Integrated Control System

- Paradigm Shift of Control Systems in CIEMAC$_{TM}$
- CIEMAC$_{TM}$ Integrated Control System for "Open and Rightsizing" toward 21st Century
- Applicability of CIEMAC$_{TM}$ 1000 to Small-Scale Supervisory Control Systems
- Integration of Process Control Technologies and DFS Software Technologies for CIEMAC$_{TM}$
- Development of CIEMAC$_{TM}$ Systems for Various Industrial Fields
- Application of CIEMAC$_{TM}$ to Refuse Incineration Plant
- Enlargement of Fields of Application of CIEMAC$_{TM}$ General Overview
    - General Overview
    - CIEMAC$_{TM}$ and Factory Automation
    - CIEMAC$_{TM}$ and Instrumentation
    - Relationship between CIEMAC$_{TM}$ and Computers

Feature Articles

- Theoretical Study on Operating Principle of Single-Electron Tunneling Devices
- Development of Electrical Power Subsystem for Space Flyer Unit
- Banking Systems Equipment-Toshiba CS-5000 Currency Management and Handling Systems
- Fully Automated OLB System for LCDs
- J-type X-ray Image Intensifier