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Electronics, Embedded Systems, and Control

Electronics

- Basic Circuit Elements (Resistors, Capacitors, Inductors)
- Circuit Analysis (Ohm's Law, Kirchhoff's Rules)
- Sensors (Data Reading) and Actuators (Motors, Valves)
- Microcontrollers (Arduino, STM32, Raspberry Pi)
- Communication Protocols (I2C, SPI, UART, CAN Bus)
- PID Control and Automation Systems

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