Physics

P4 Electronics

Physics

P4 Electronics

P 4.1 Components & Basic Circuits
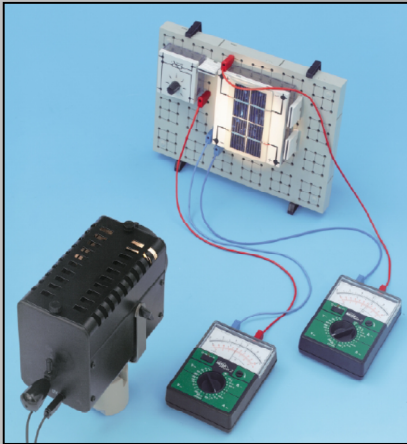
Recording the curent-voltage characteristics of a solar battery as a function of the irradiance
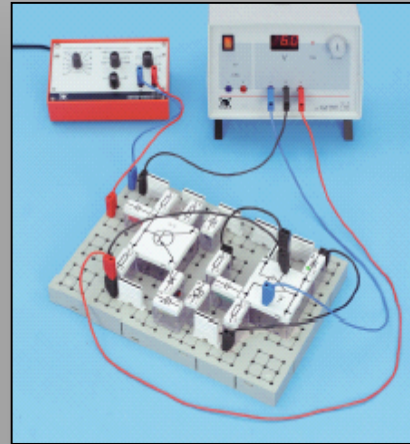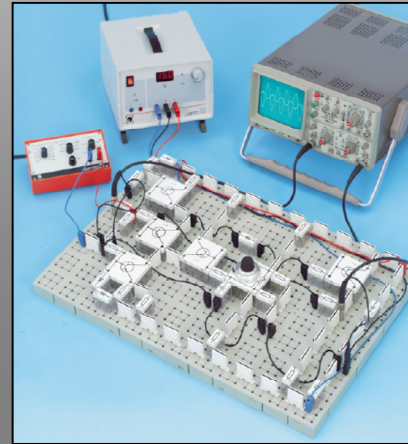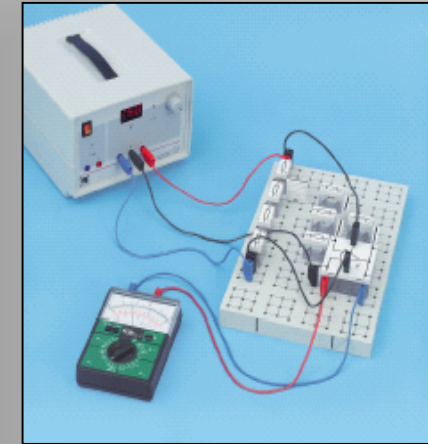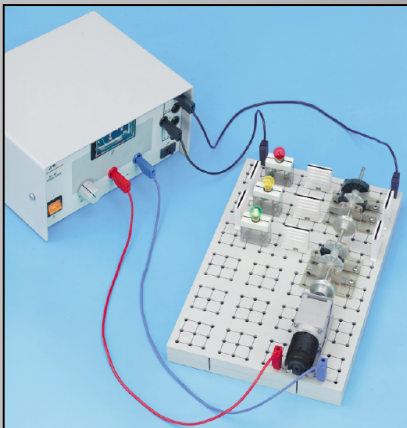

Optoelectronics

P 4.2 Operational Amplifier

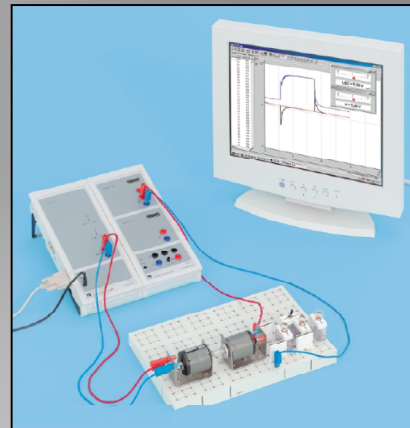Discrete assembly of an operational amplifier as a transistor circuit

Adder and subtracter

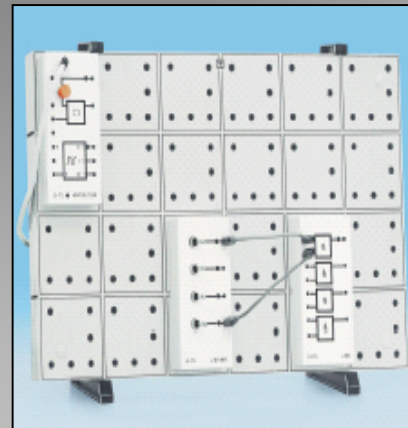### P 4.3 Open-and Closed-Loop Control

Assembling a traffic-light control system (Open-loop control)
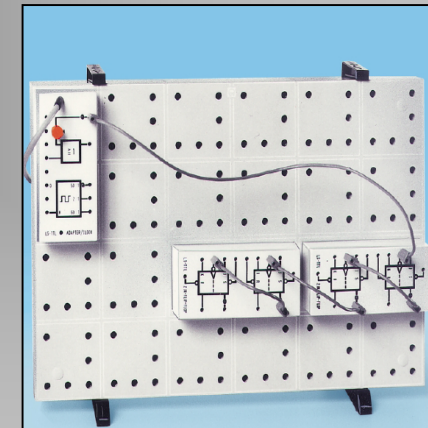

Voltage control with CASSY (Closed-loop control)

P 4.4 Digital Technology

AND, OR, XOR, NOT, NAND and NOR operations with two variables

4-bit digital counter