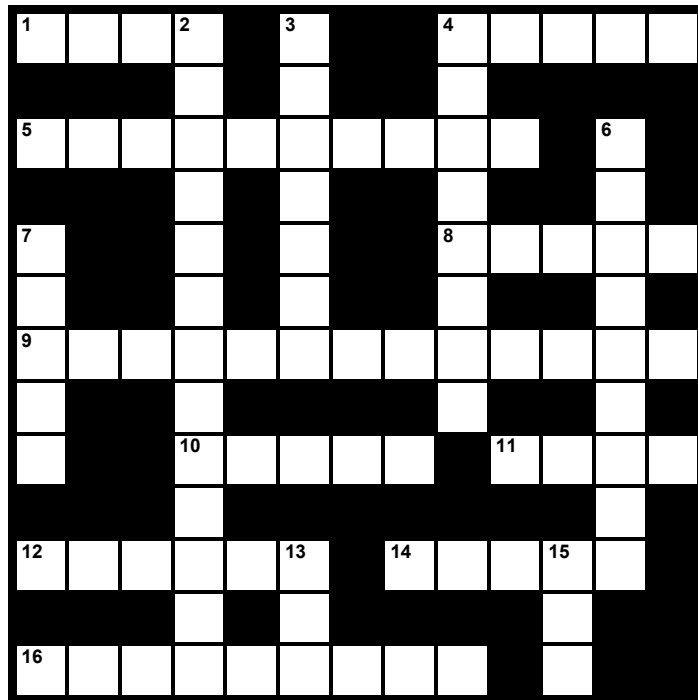


Electrical_Systems_13x13_2003-04-08

B.B. Huria



Across

- | | | | |
|--------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
| 1 Electrical device to which electrical power is delivered. (4) | coiling wire around an iron core. (13) | forms of energy into mechanical energy and so imparts motion. (5) | capacity to store an electric charge. (9) |
| 4 The rotating armature of a motor or generator. (5) | 10 Electrical device such that current flowing through it in one circuit can switch on and off a current in a second circuit. (5) | 16 An electrical device containing diodes, used to convert AC to DC. (9) | 7 (magnetic) The area in which magnetic lines of force occur. (5) |
| 5 A measuring instrument for determining the specific gravity of a liquid. (10) | 11 Electrical device that can interrupt the flow of electrical current when it is overloaded. (4) | | 13 The force or pressure which causes current movement in an electrical circuit. (3) |
| 8 A conductor having low resistance in parallel with another device to divert a fraction of the current. (5) | 12 The basic unit of electric current adopted under the System International d'Unites. (6) | | 15 A unit of measurement of electrical resistance. (3) |
| 9 A temporary magnet made by | 14 Machine that converts other | | |

Down

- 2 DC (6,7)
- 3 An instrument used to measure the rate of current flow in a circuit. (7)
- 4 Resistor for regulating current. (8)
- 6 An electrical device characterized by its