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| Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_ |

Electromagnetism

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| H | **N** | **R** | I | U | W | X | S | Q | B | K | C | A | N | L | I | P | H | N | S | K | **M** | Y | **Y** |
| V | **O** | L | **E** | A | W | W | W | Q | S | S | V | Q | M | W | H | U | S | N | Y | **A** | E | V | **T** |
| A | **I** | P | L | **M** | S | **D** | T | W | Y | Y | W | H | Y | M | M | B | J | F | **G** | **M** | P | O | **I** |
| Y | **T** | T | P | Z | **R** | S | **Y** | J | L | U | M | I | B | K | G | **A** | H | **N** | Z | **O** | G | R | **S** |
| C | **C** | **E** | O | Z | I | **O** | X | **N** | J | K | K | G | A | Y | V | **L** | **E** | B | R | **T** | W | F | **N** |
| B | **U** | **L** | Q | Q | **R** | S | **F** | N | **A** | M | S | A | S | X | F | **T** | R | S | F | **O** | C | M | **E** |
| O | **D** | **U** | I | S | **E** | D | U | **S** | D | **M** | T | D | Q | P | **I** | **E** | O | Q | E | **R** | X | T | **D** |
| F | **N** | **R** | N | W | **M** | J | A | N | **N** | A | **O** | R | A | **C** | H | **R** | B | E | V | **E** | X | O | **X** |
| **M** | **I** | **D** | R | A | **R** | R | C | N | W | **A** | N | V | **F** | F | C | **N** | O | T | J | **F** | A | E | **U** |
| **S** | **C** | **N** | X | P | **O** | A | X | H | H | I | **R** | **I** | D | M | F | **A** | T | A | Q | **F** | G | Z | **L** |
| **I** | **I** | **A** | O | T | **F** | E | F | W | L | X | **E** | **T** | G | H | O | **T** | Z | Y | B | **E** | J | S | **F** |
| **T** | **T** | **H** | M | E | **S** | D | I | L | C | **L** | U | T | Q | E | T | **O** | B | C | N | **C** | O | Q | **C** |
| **E** | **E** | **T** | U | O | **N** | D | T | T | **D** | X | R | C | W | W | P | **R** | Z | B | K | **T** | T | D | **I** |
| **N** | **N** | **F** | J | J | **A** | **R** | **E** | **M** | **R** | **O** | **F** | **S** | **N** | **A** | **R** | **T** | **P** | **U** | **P** | **E** | **T** | **S** | **T** |
| **G** | **G** | **E** | V | G | **R** | B | G | C | S | X | T | U | D | O | T | D | Q | V | T | L | Z | Z | **E** |
| **A** | **A** | **L** | Y | S | **T** | G | S | D | O | O | Q | F | Z | F | S | A | X | F | B | O | V | Z | **N** |
| **M** | **M** | **S** | E | B | **N** | D | T | V | D | U | K | L | Y | W | I | S | F | S | B | D | X | J | **G** |
| **D** | **O** | **G** | S | T | **W** | **T** | **C** | **E** | **F** | **F** | **E** | **R** | **O** | **T** | **A** | **R** | **E** | **N** | **E** | **G** | H | Z | **A** |
| **E** | **R** | **N** | X | I | **O** | H | H | N | W | F | H | Y | X | D | **D** | **I** | **O** | **N** | **E** | **L** | **O** | **S** | **M** |
| **C** | **T** | **I** | V | W | **D** | X | X | P | Q | T | U | R | V | F | X | J | P | O | K | C | O | X | P |
| **U** | **C** | **M** | Y | M | **P** | D | F | O | C | R | F | K | B | B | U | P | B | N | A | P | P | H | O |
| **D** | **E** | **E** | O | B | **E** | C | O | J | K | A | B | B | T | L | B | R | M | T | C | K | Z | F | Y |
| **N** | **L** | **L** | W | Y | **T** | J | T | N | U | X | K | X | X | V | E | B | G | L | C | I | D | T | U |
| **I** | **E** | **F** | T | J | **S** | I | M | P | **E** | **L** | **E** | **C** | **T** | **R** | **O** | **M** | **A** | **G** | **N** | **E** | **T** | J | C |

   step-up transformer       step-down transformer       transformer       solenoid       magnetic flux density       motor effect       magnetic field       induced magnetism       generator effect       Fleming's left hand rule       electromagnetic induction       electromagnet       dynamo       Alternator