

Chapter 7

Parallel Circuits

Find the words in the grid. Words can go across, down and in the two forward diagonals.

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

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|-----------------------|--------------------------|
| Branches | Most |
| Commonly tested | Parallel circuit |
| Current | Power supply |
| Denominator | Protection device |
| Five | Resistor |
| Kirchoffs current law | Shunts |
| Least resistance | Total circuit resistance |
| Legs | Total current |
| Lower | Zero |