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have generally found  
electronics a difficult  
subject to understand  
and learn. Despite the  
publication of hundreds  
of textbooks in this  
field, each one  
intended to provide an  
improvement over  
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students of electronics  
continue to remain  
perplexed as a result of  
numerous subject  
areas that must be  
remembered and  
correlated when  
solving problems.  
Various interpretations  
of electronics terms  
also contribute to the  
difficulties of mastering

the subject. In a study  
of electronics, REA  
found the following  
basic reasons  
underlying the inherent  
difficulties of  
electronics: No  
systematic rules of  
analysis were ever  
developed to follow in  
a step-by-step manner  
to solve typically  
encountered problems.  
This results from  
numerous different  
conditions and  
principles involved in a  
problem that leads to  
many possible different  
solution methods. To  
prescribe a set of rules  
for each of the possible  
variations would  
involve an enormous  
number of additional  
steps, making this task  
more burdensome than  
solving the problem  
directly due to the  
expectation of much  
trial and error. Current  
textbooks normally

explain a given principle in a few pages written by an electronics professional who has insight into the subject matter not shared by others.

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