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to as an electric circuit, and each component of the circuit is known as an element. An electric circuitis an interconnection of electrical elements. A simple electric circuit is shown in Fig. 1.1. It consists of three basic elements: a battery, a lamp, and connecting wires. Such a simple circuit can exist by itself; it has several applications, such as a flash-

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OK, so with that, let me go on to talking about method one of circuit analysis. This is called the basic KVL KCL method. So just based on those two simple algebraic relations, I can analyze very interesting and complicated circuits. The method goes as follows. So, let's say our goal is, given a circuit like this, our goal is to solve

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