

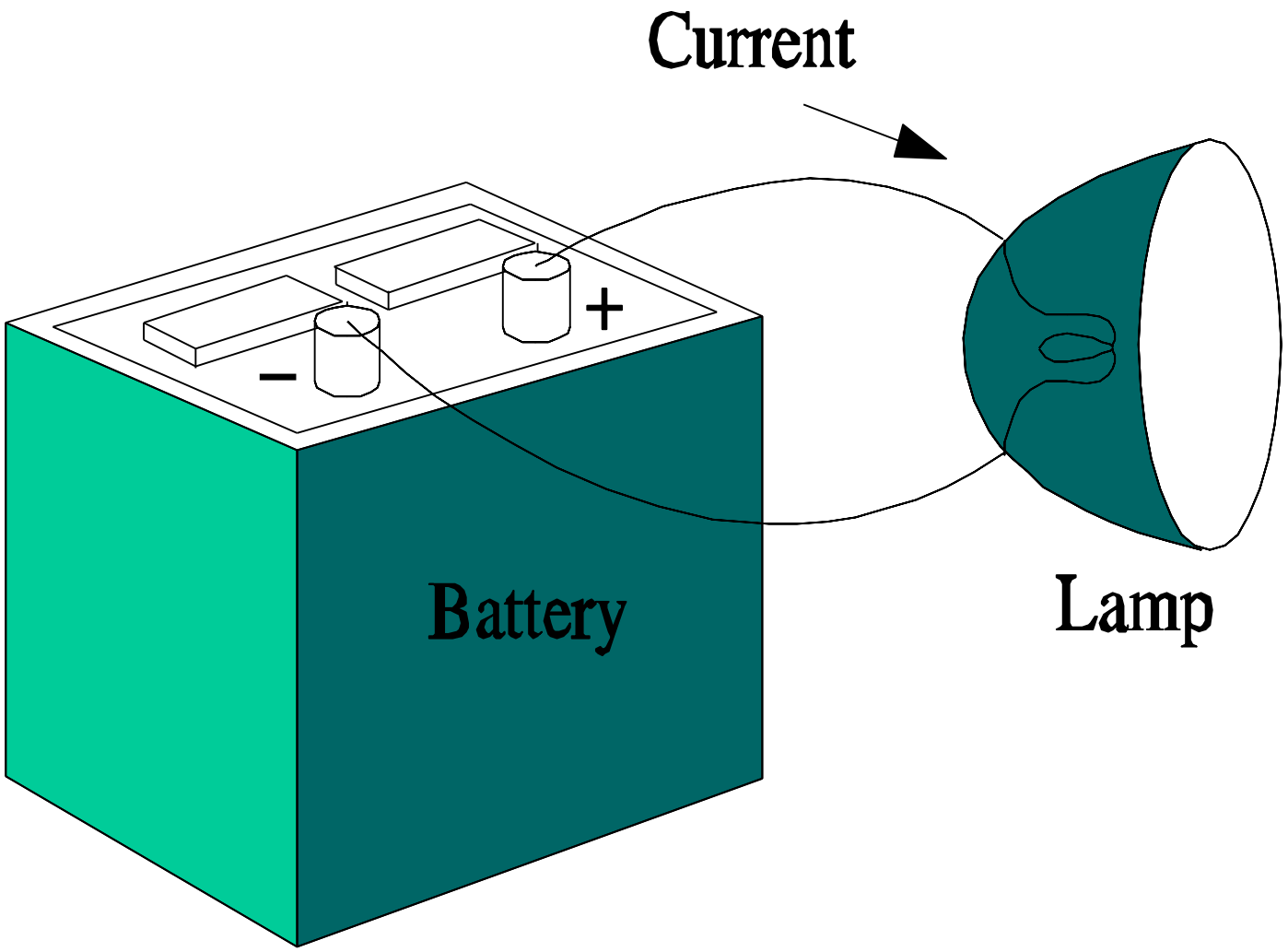
Fundamentals of

Electric Circuits

Second Edition

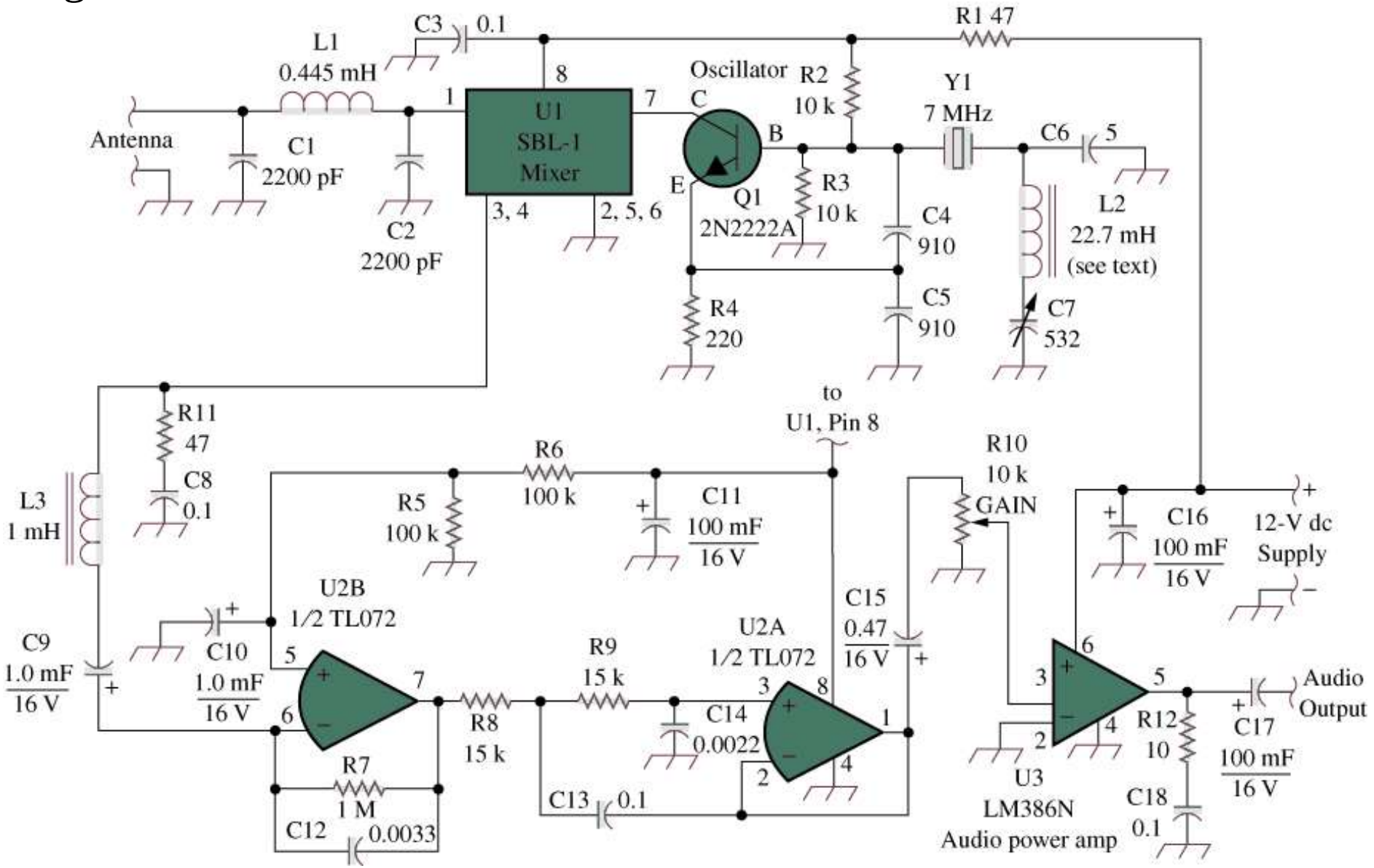
Charles K. Alexander
Matthew N.O. Sadiku

Fig. 1.1 A simple electric circuit



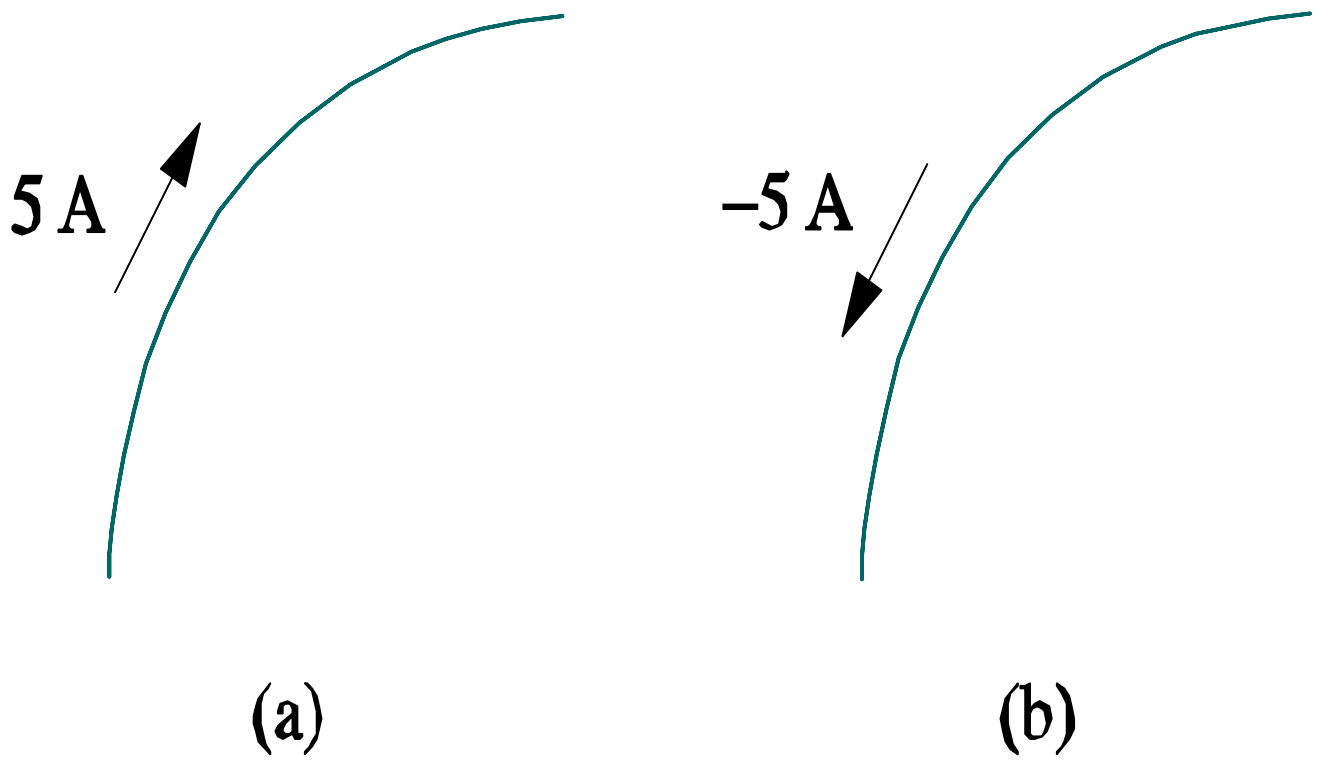
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Fig. 1.2 Electric circuit of radio receiver



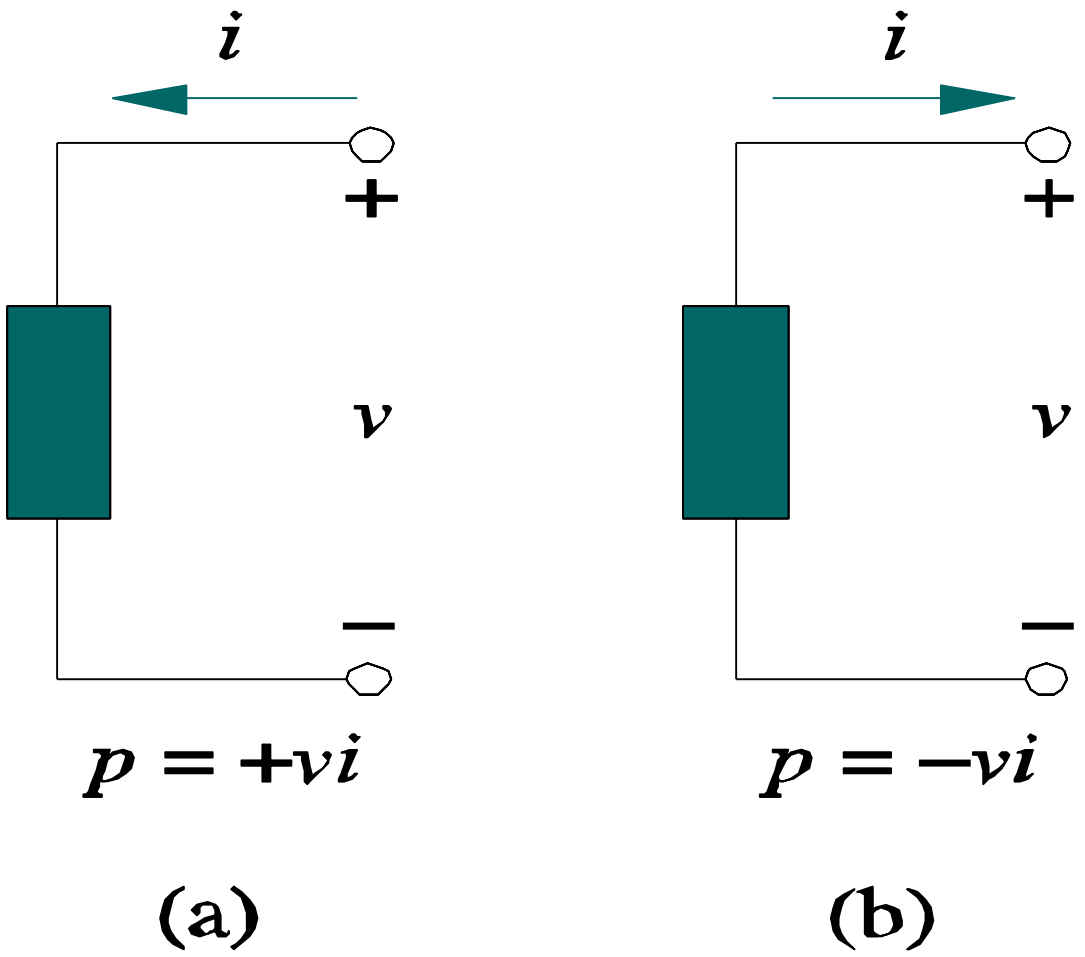
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Fig. 1.5 Conventional current flow



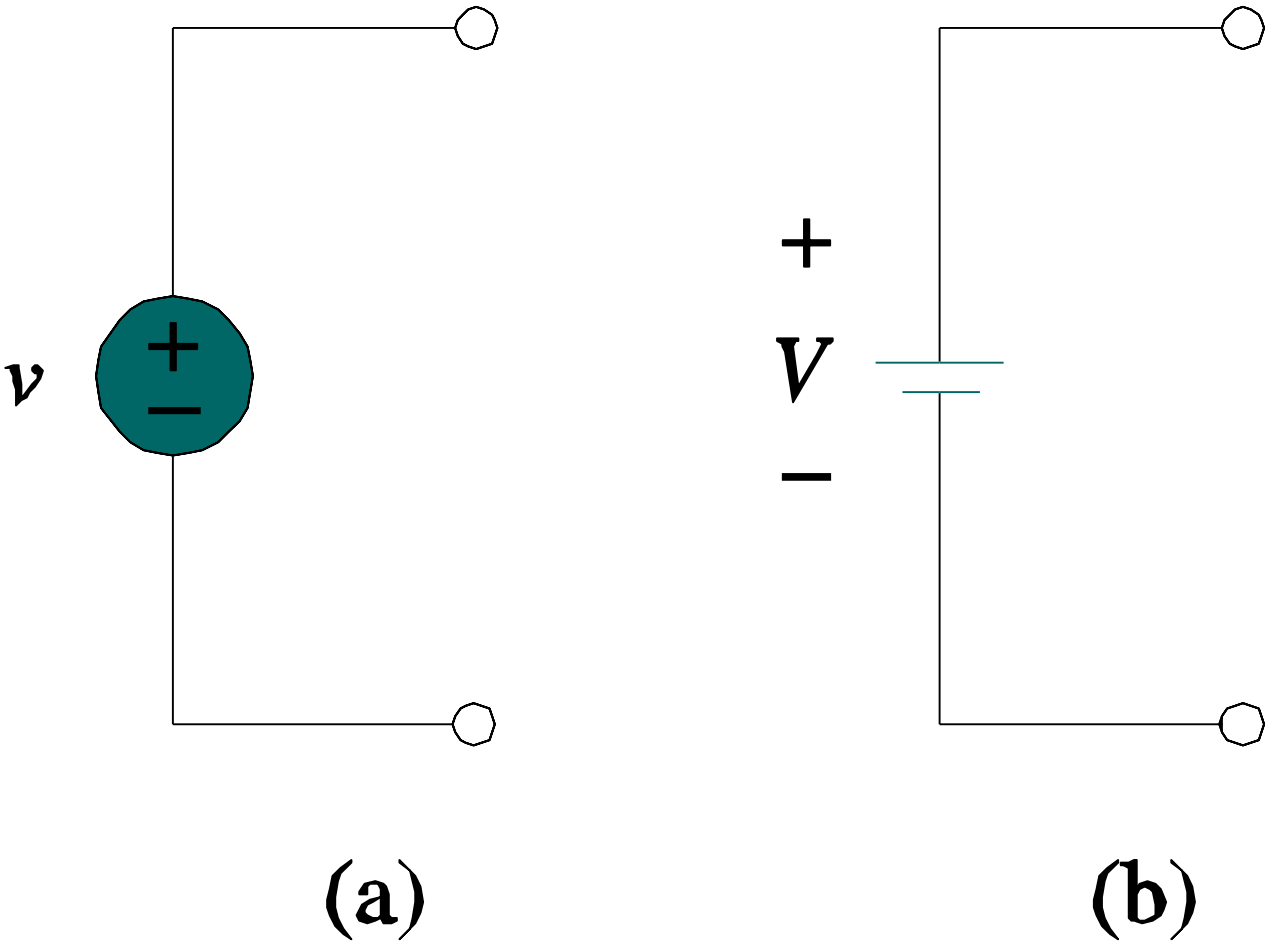
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Fig. 1.8 Reference polarities for power using passive sign convention



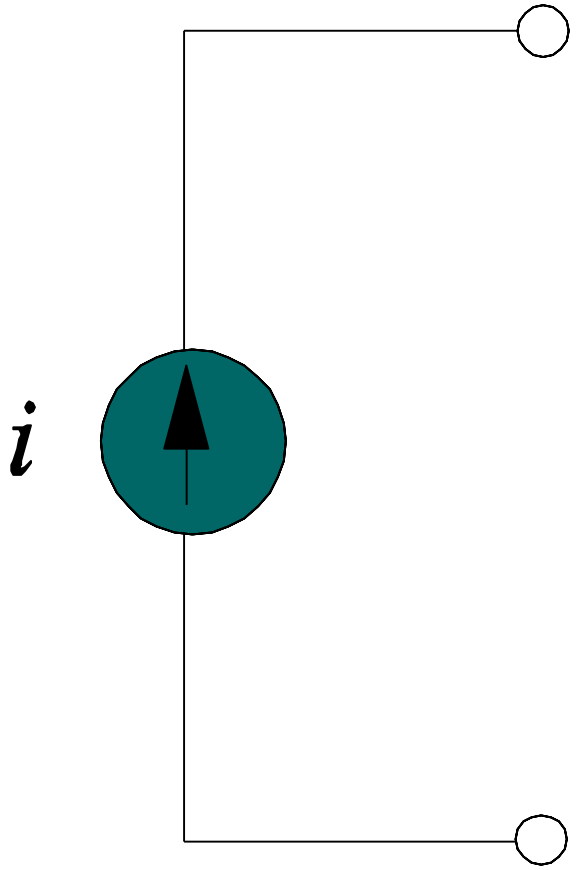
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Fig. 1.11 Symbols for independent voltage source



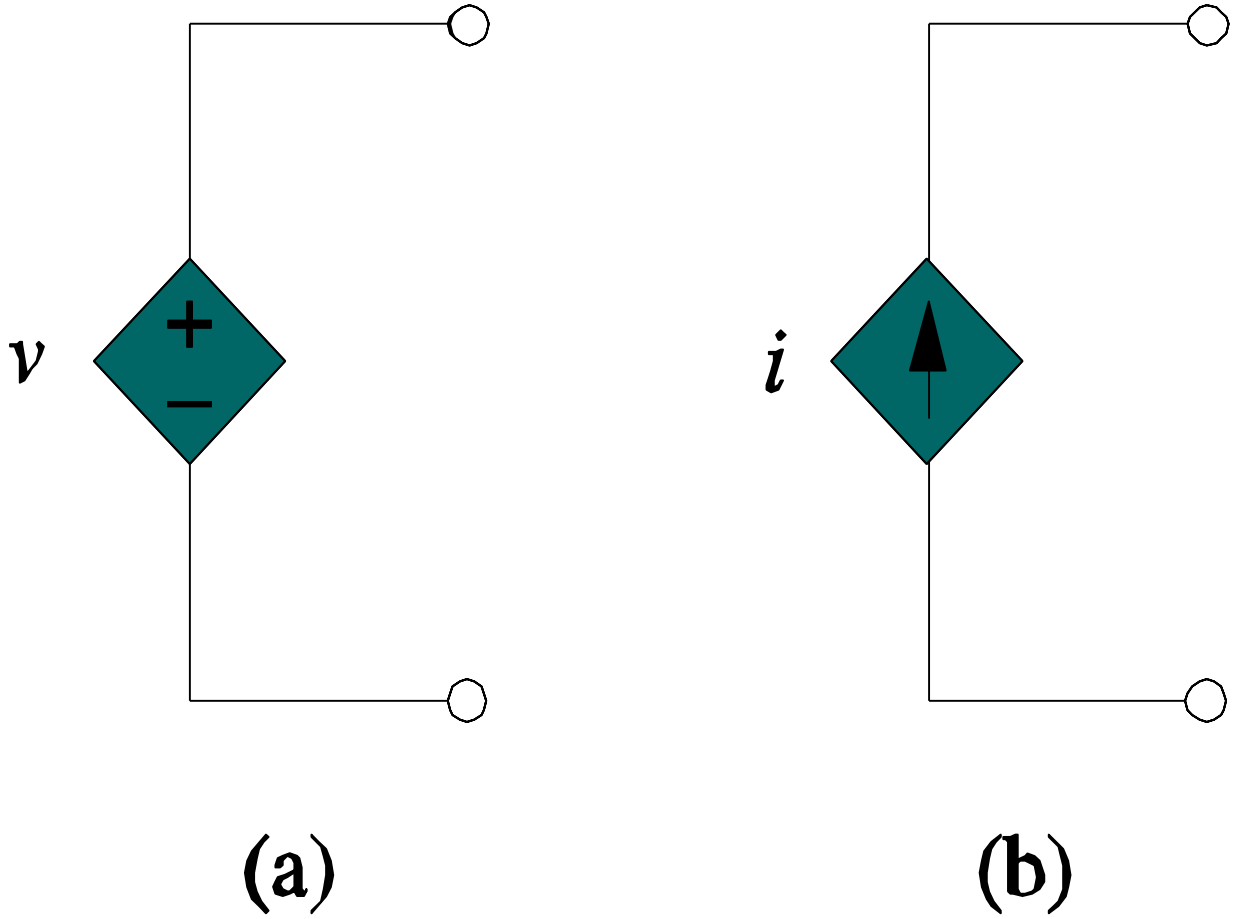
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Fig. 1.12 Symbols for independent current source



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Fig. 1.13 Symbols for a) dependent voltage sources b) dependent current sources



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