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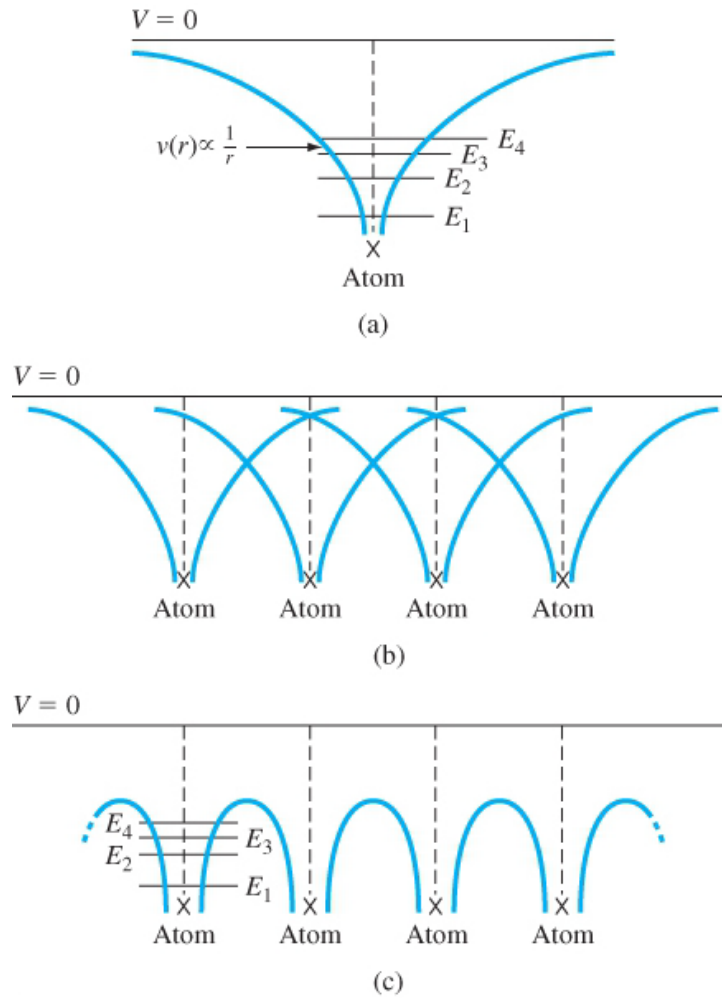


Figure 3.5 | (a) Potential function of a single isolated atom. (b) Overlapping potential functions of adjacent atoms. (c) Net potential function of a one-dimensional single crystal.

➤ Approximate as a series of periodic potential barriers, i.e., Kronig-Penney model.

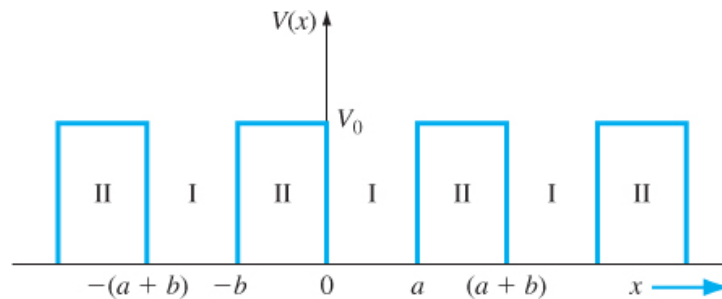


Figure 3.6 | The one-dimensional periodic potential function of the Kronig-Penney model.