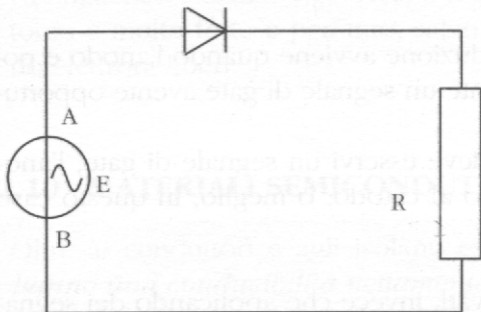
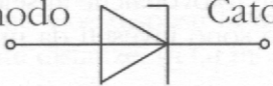


1.10



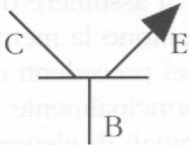
2.10

Anodo

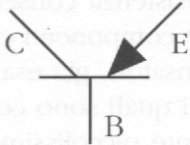


Catodo

3.10

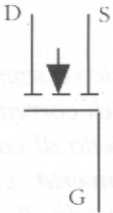


NPN

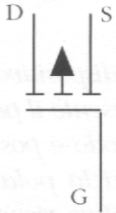


PNP

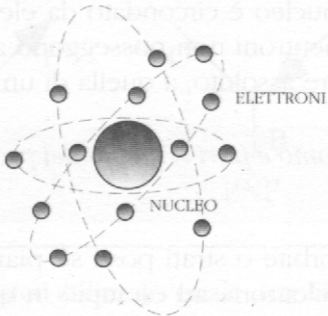
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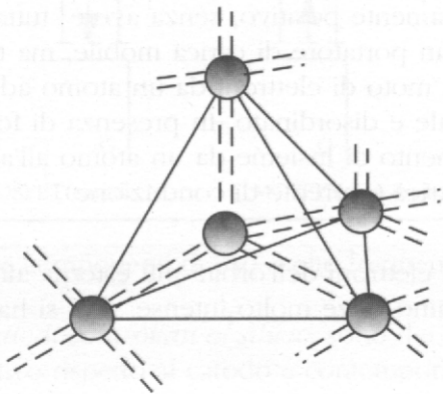
MOSFET canale N



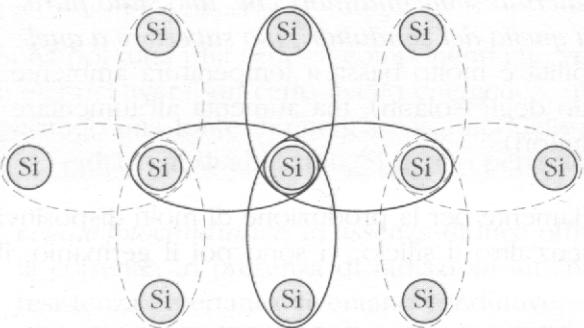
MOSFET canale P



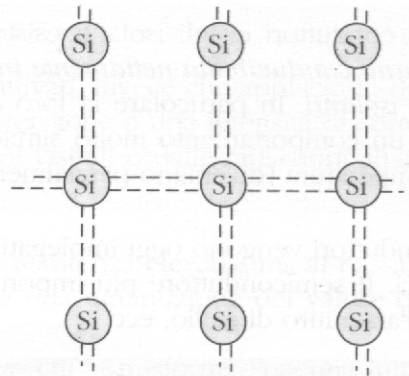
6.10



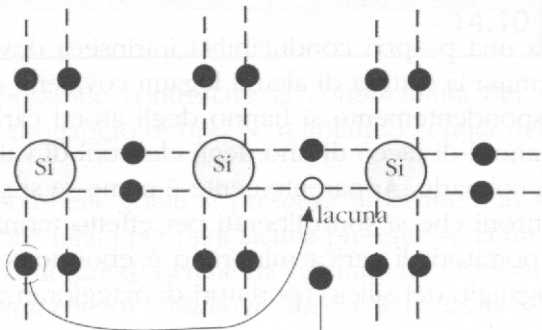
7.10



8.10

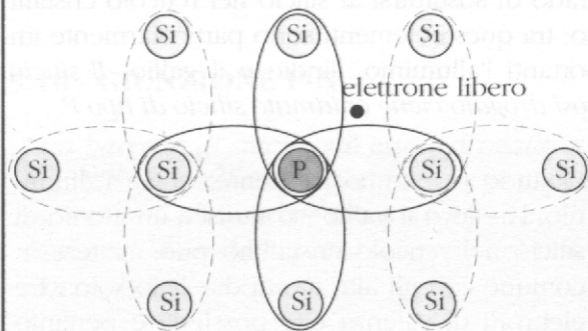


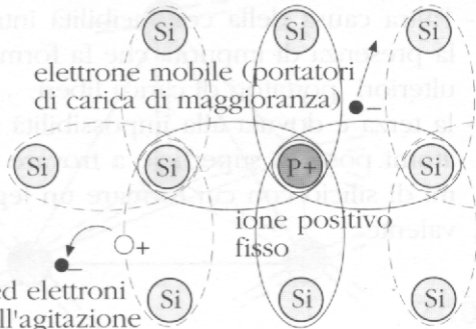
9.10



elettrone di valenza
che si sposta per
colmare una lacuna.
Al suo posto si forma
una nuova lacuna

elettrone libero per
agitazione termica

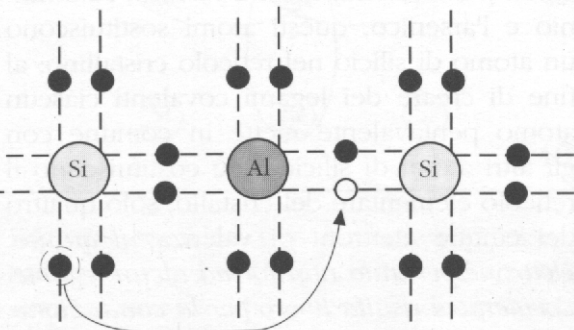




lacune ed elettroni dovuti all'agitazione termica

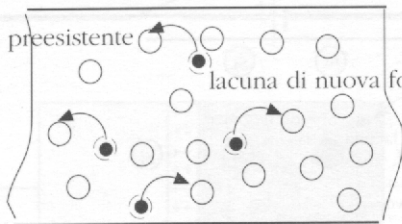
(portatori di carica minoritari)

12.10

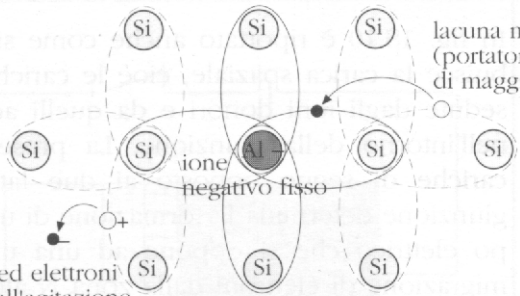


elettrone che si sposta per colmare una lacuna preesistente.
 Al suo posto si forma una nuova lacuna

lacuna preesistente



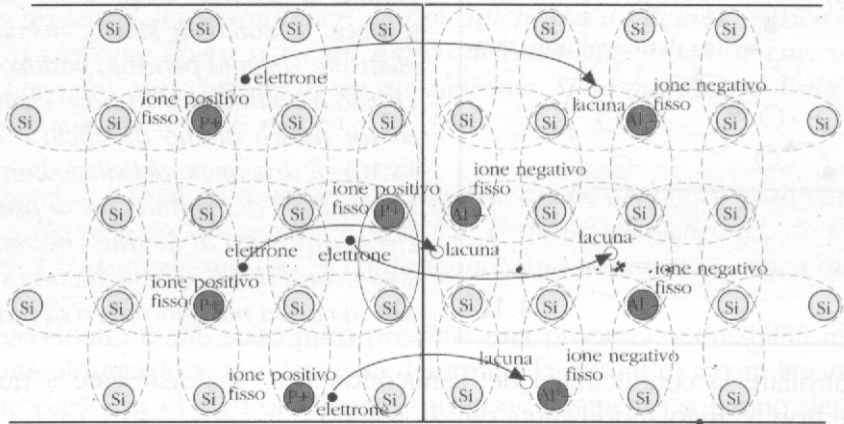
lacuna di nuova formazione



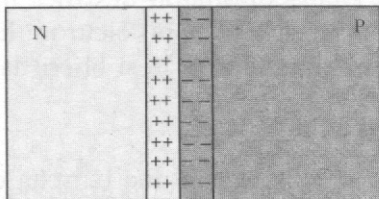
lacuna mobile
(portatori di carica
di maggioranza)

ione
negativo fisso

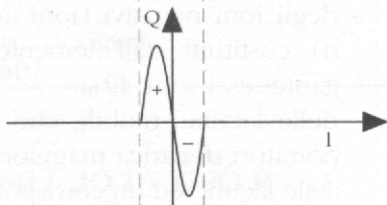
lacune ed elettroni
dovuti all'agitazione
termica
(portatori di carica
minoritari)



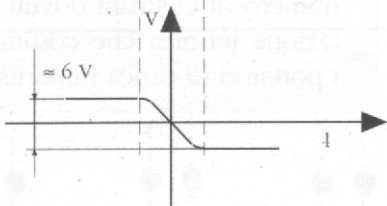
ZONA DI CARICA SPAZIALE



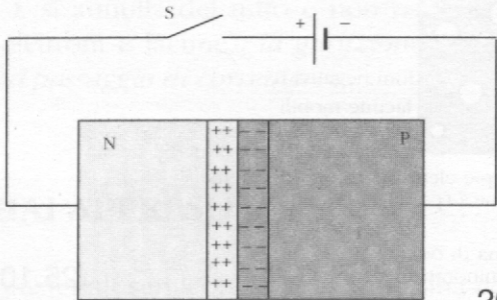
17.10



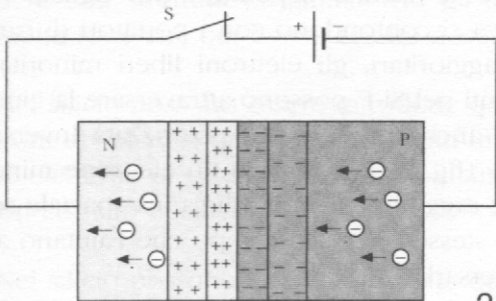
18.10



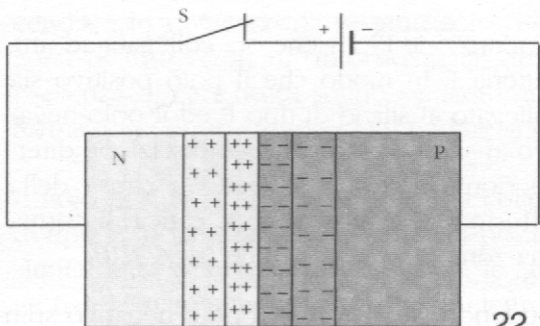
19.10



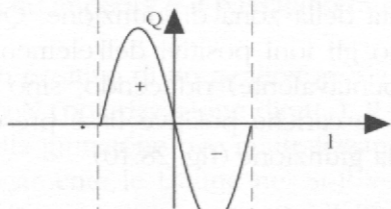
20.10



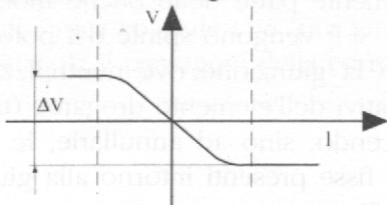
21.10



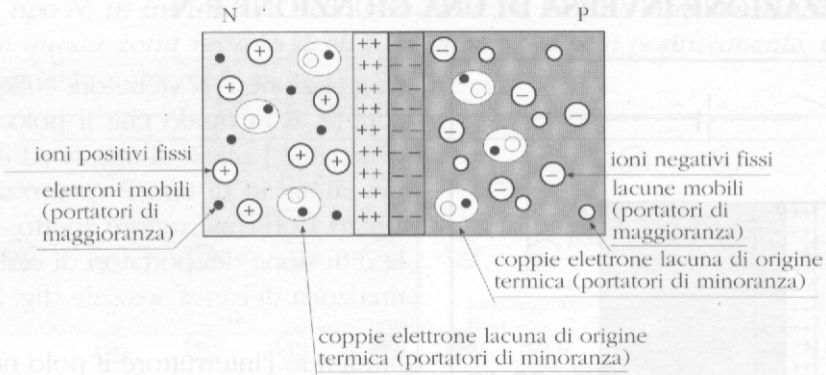
22.10

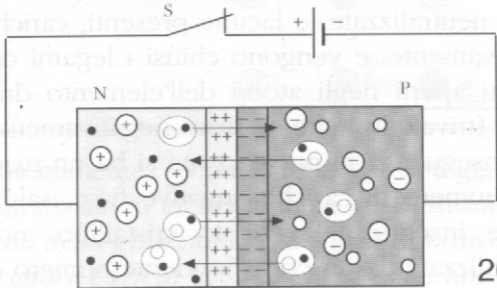


23.10

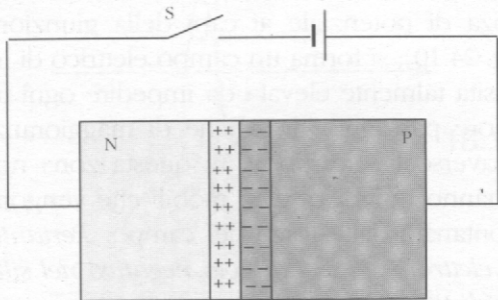


24.10

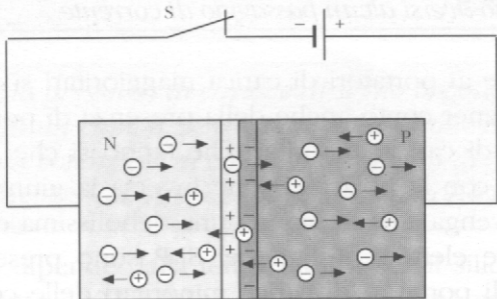




26.10



27.10



28.10