Podstawy elektroniki cyfrowej

Lab1

Czego potrzebujemy:

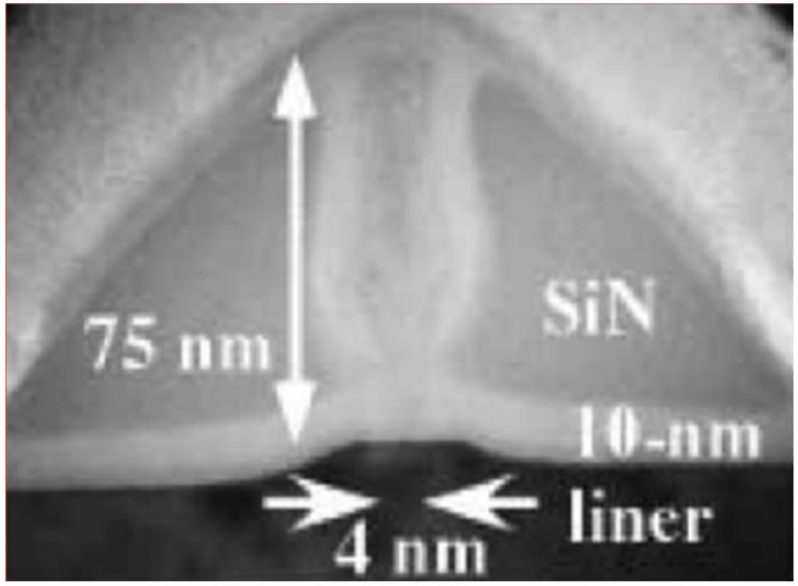
- Elementu, który będzie działał jak klucz – przełączał się pomiędzy dwoma stanami sterowany napięciem
- Małych i tanich elementów

-> Budowanie logiki cyfrowej na bazie tranzystorów

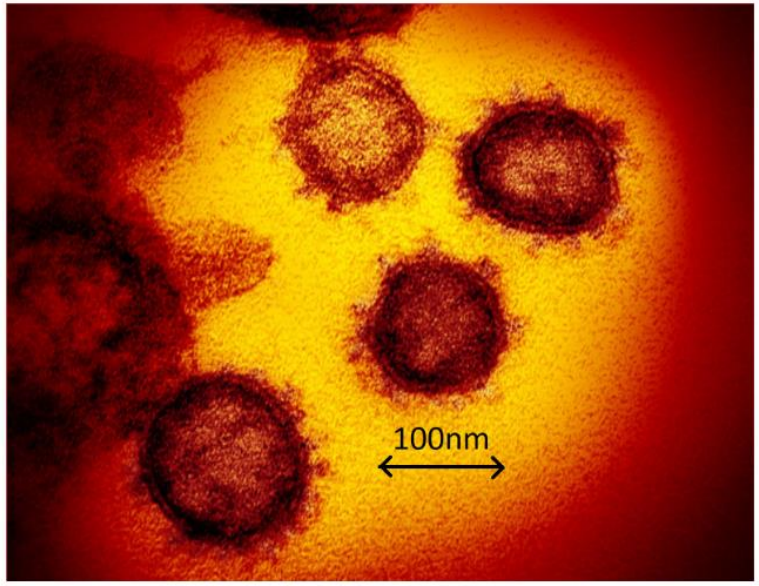
Tranzystory NMOS i PMOS

Symbole, zasada działania

Skrót CMOS
- MOS: **M**etal-**O**xide-**S**eminconductor

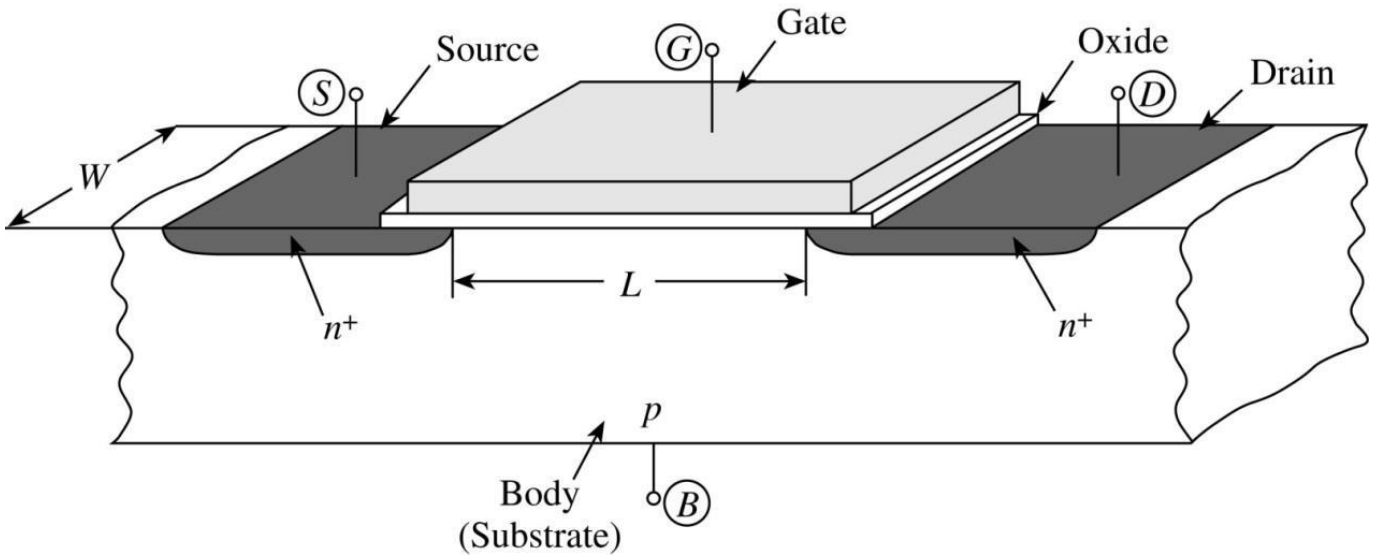


TRANZYSTOR



WIRUS SARS-CoV2

NMOS zasada działania



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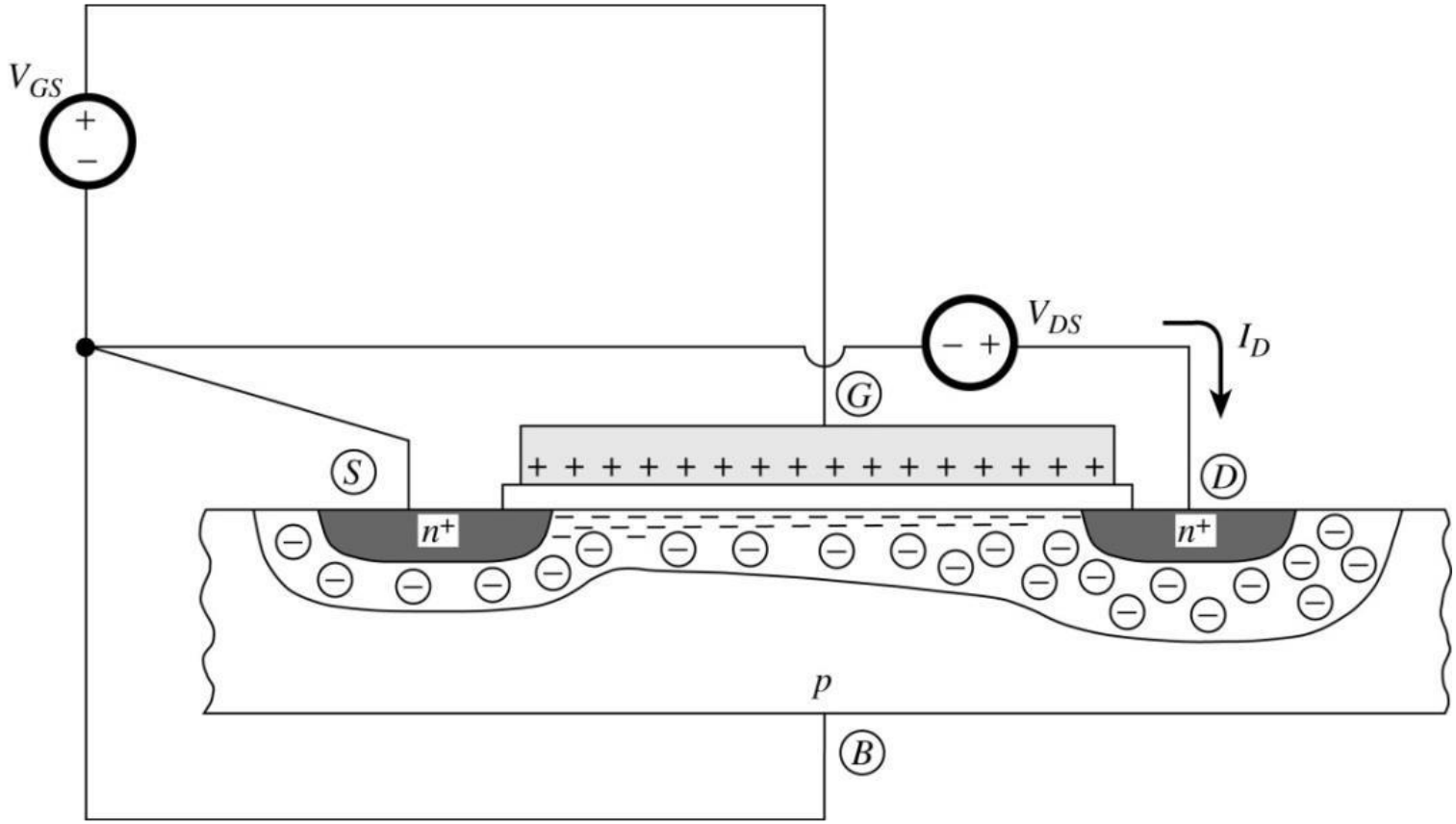
NMOS zasada działania



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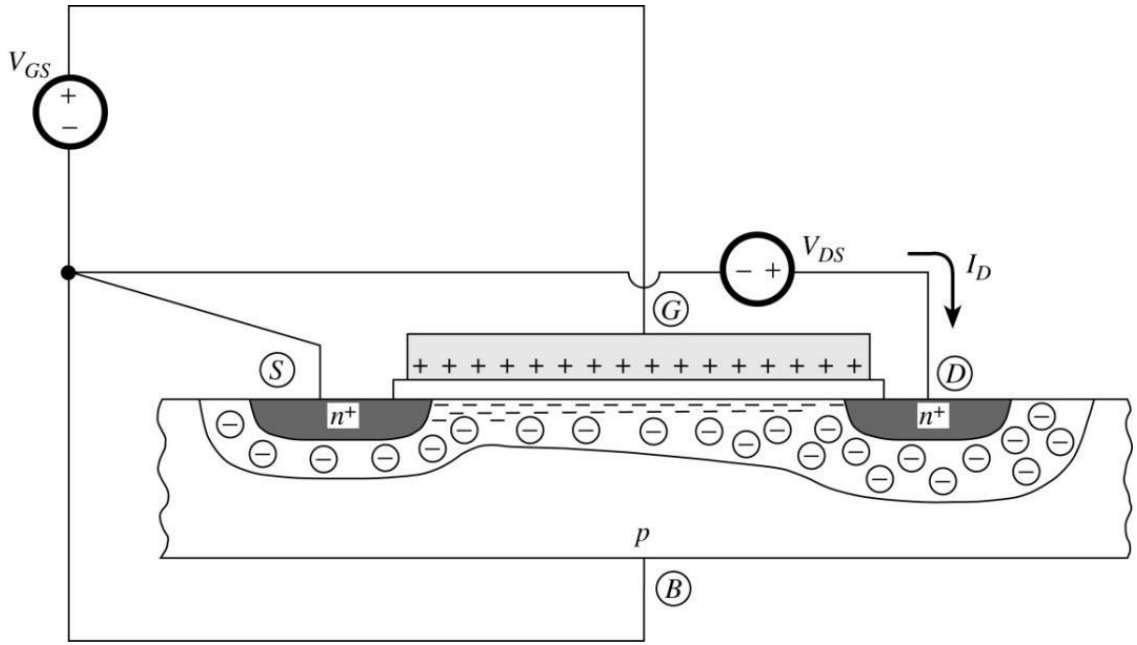
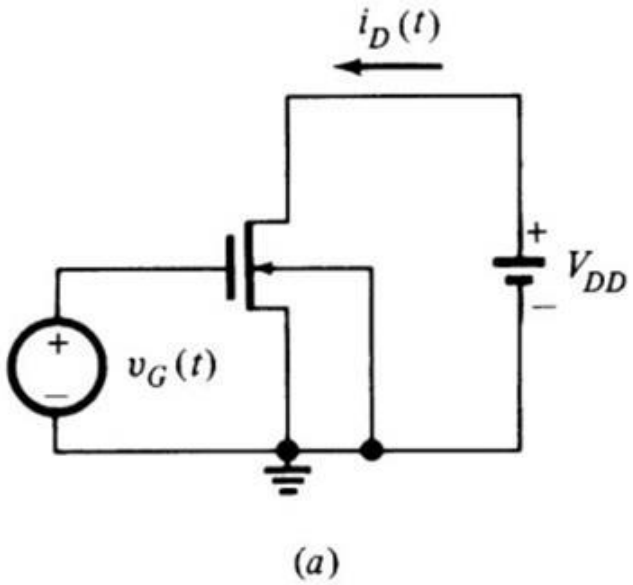
NMOS zasada działania





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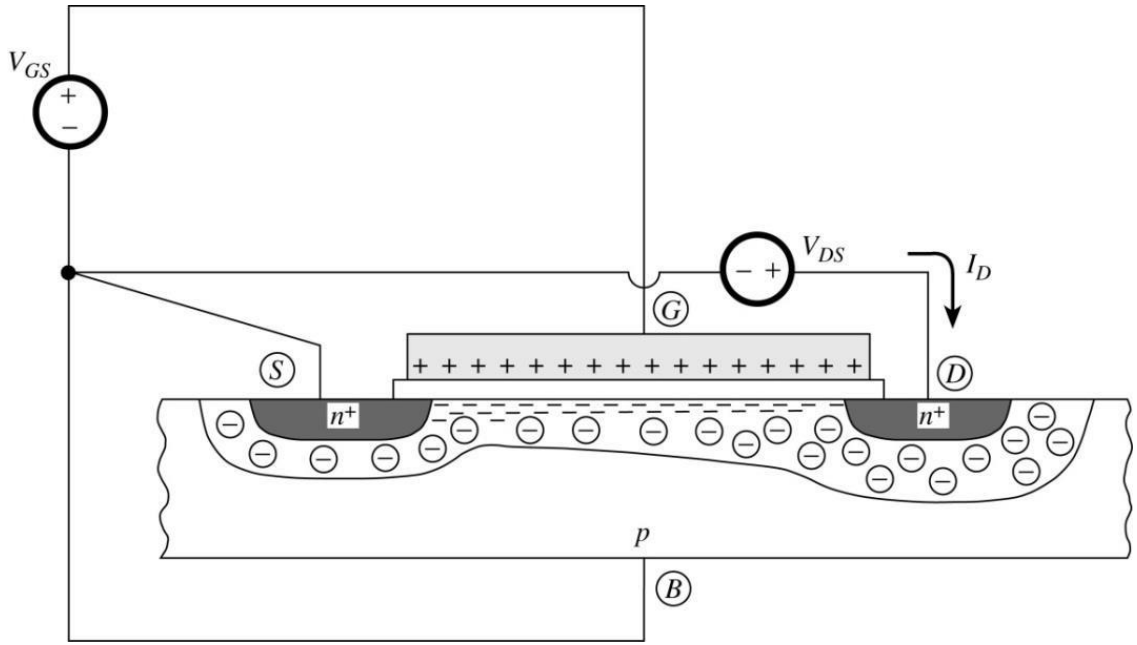

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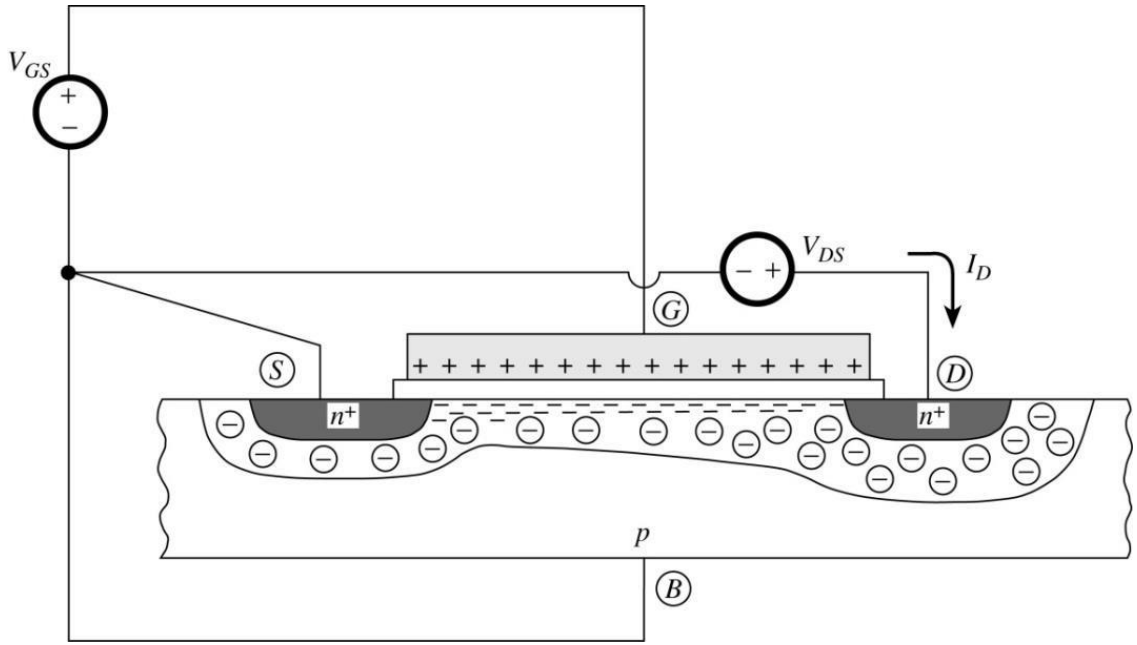
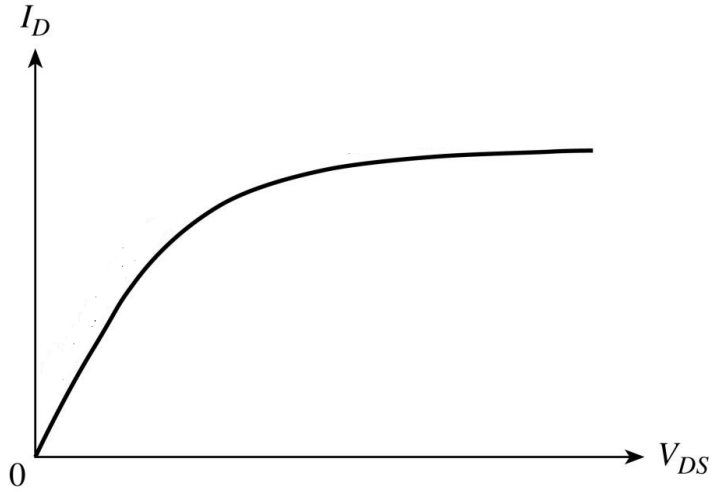
NMOS zasada działania





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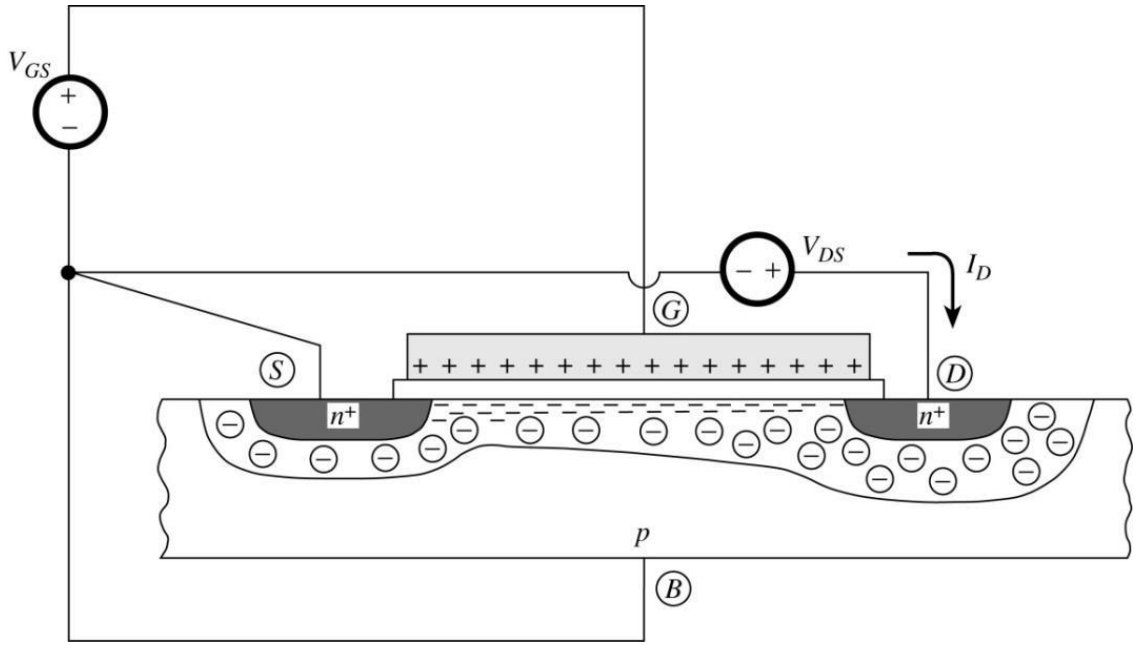
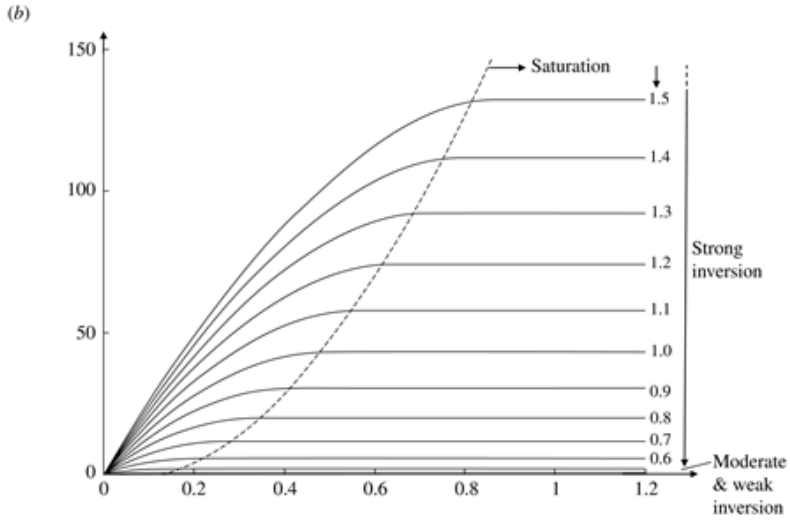
NMOS zasada działania





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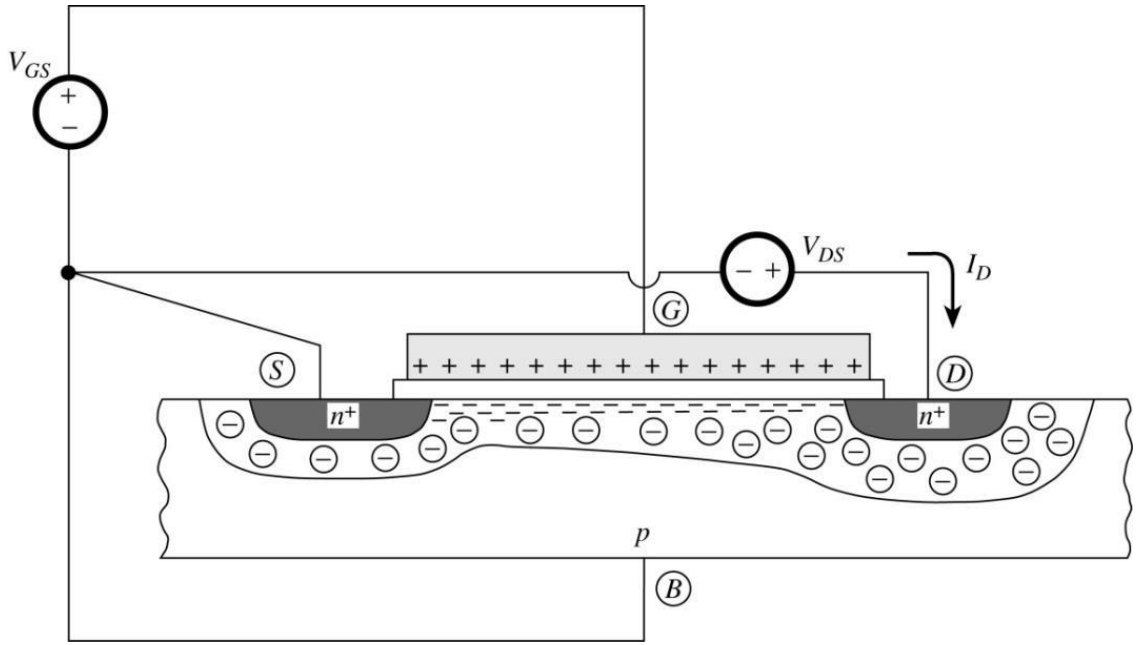
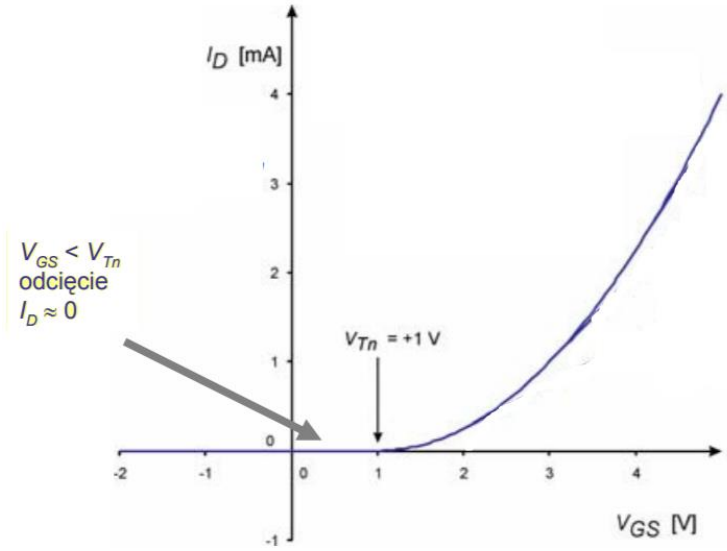
NMOS jako klucz





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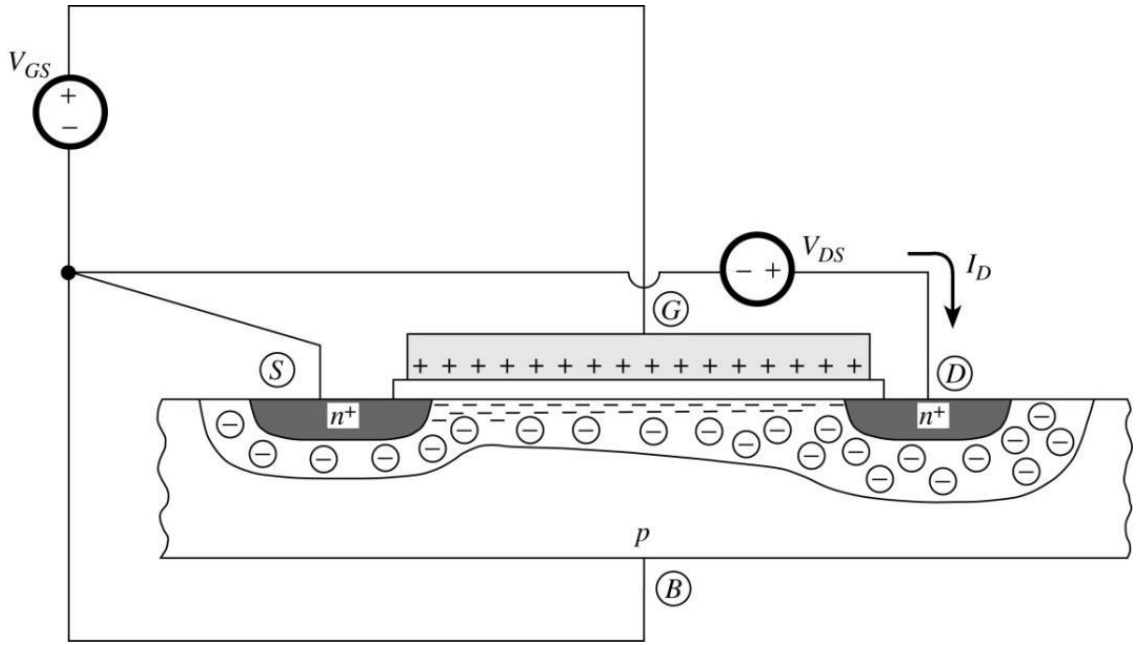
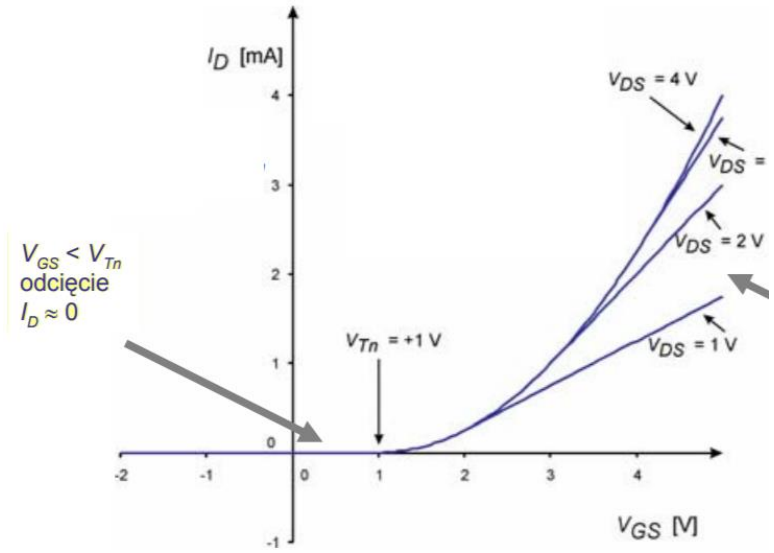
NMOS jako klucz





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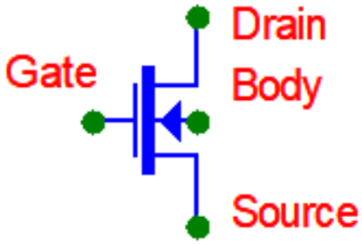
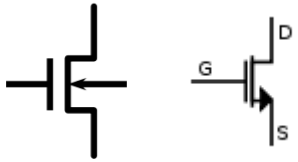
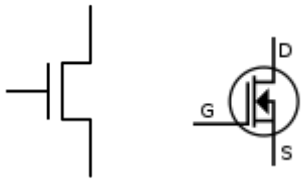
Symbole

NMOS







PMOS