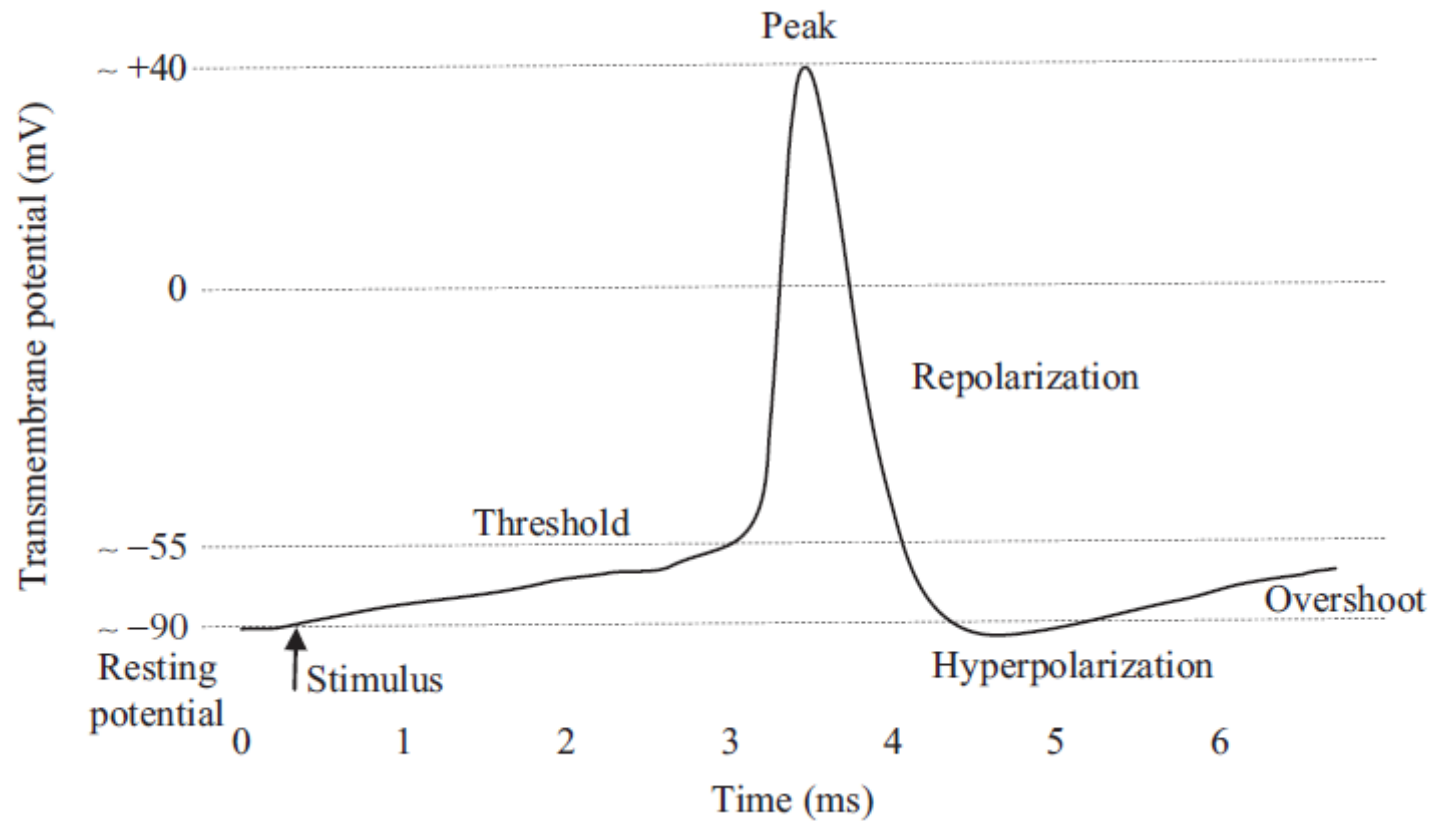


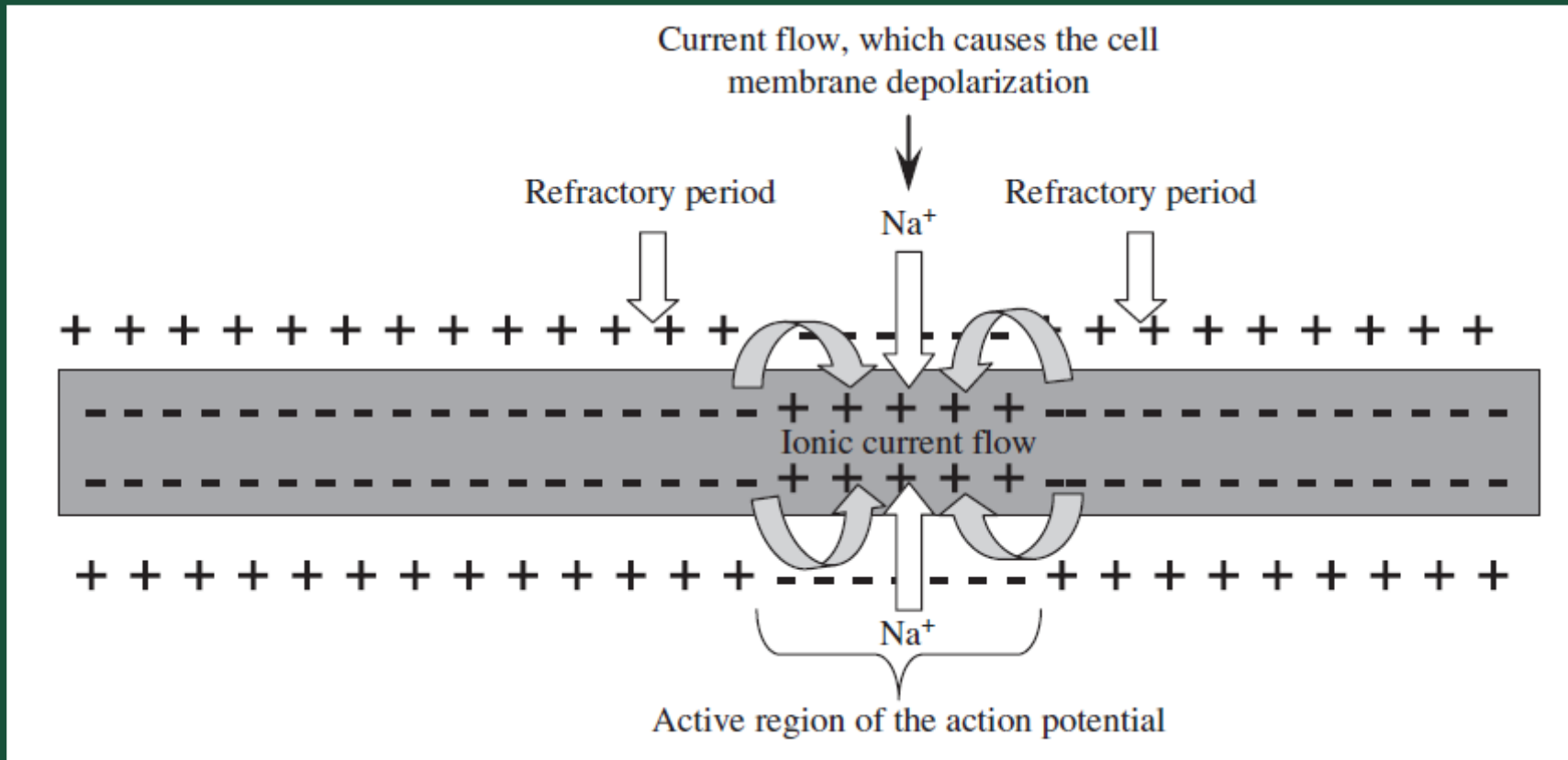
AULA 13 – PTC 3435

02/10/2018

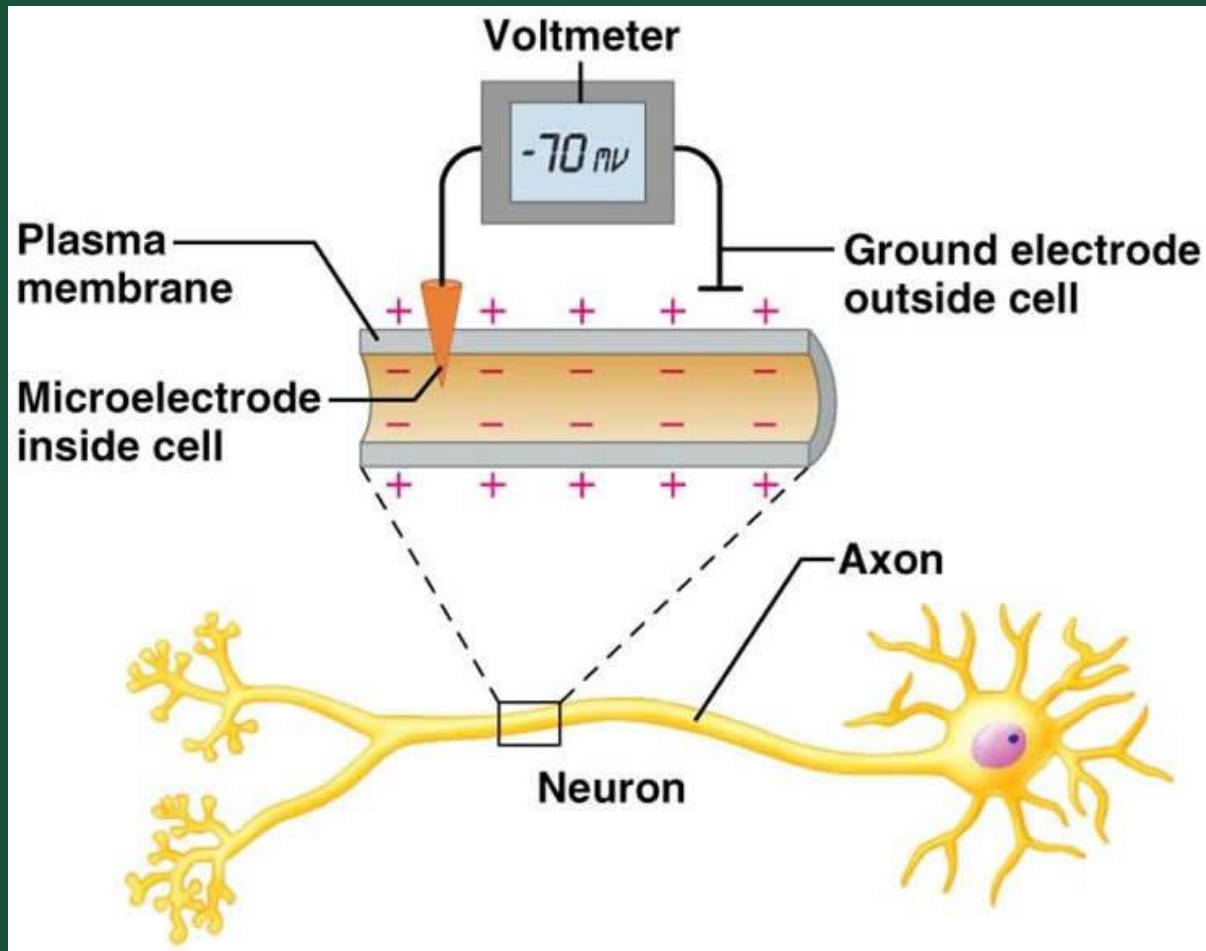
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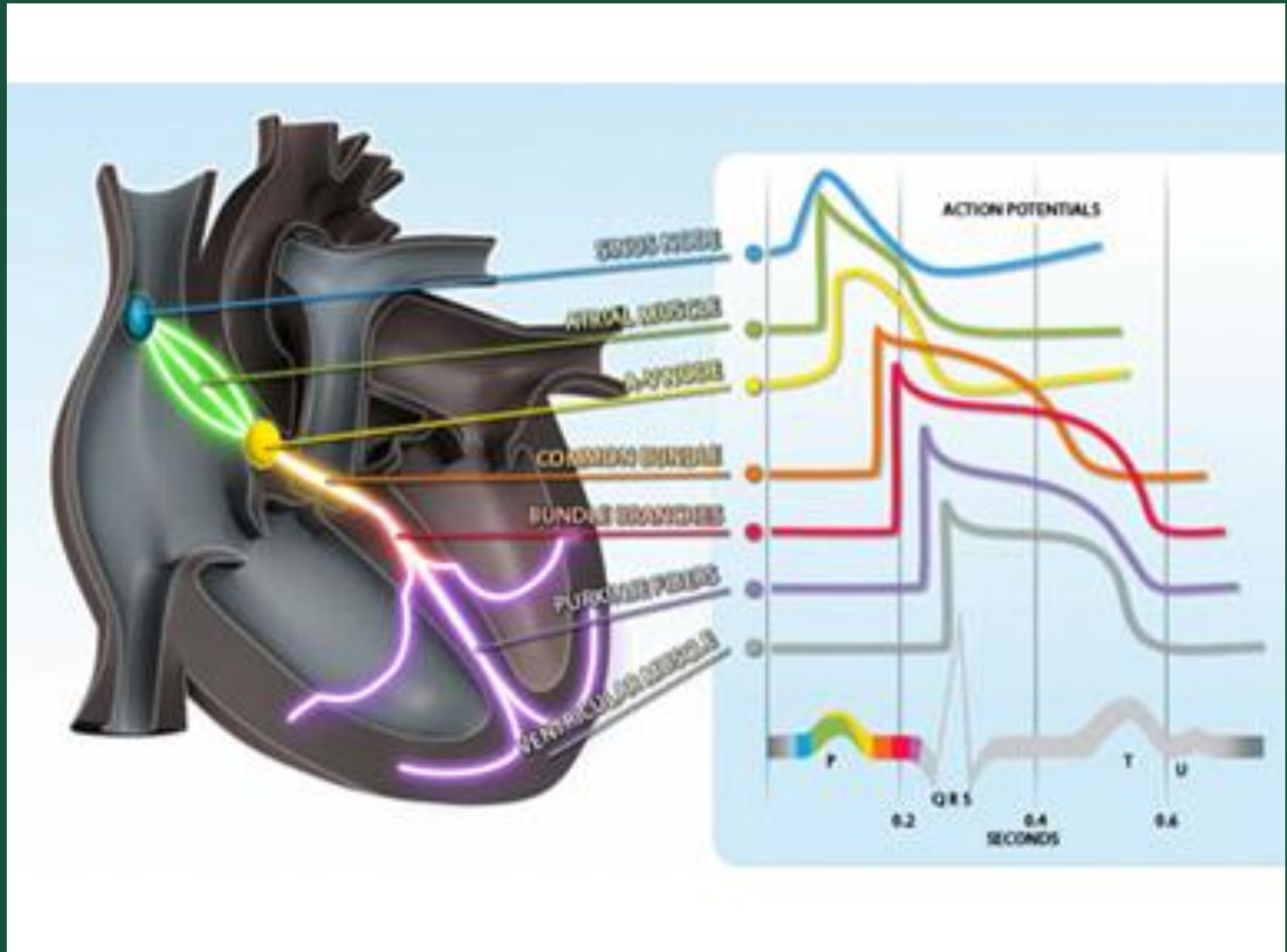
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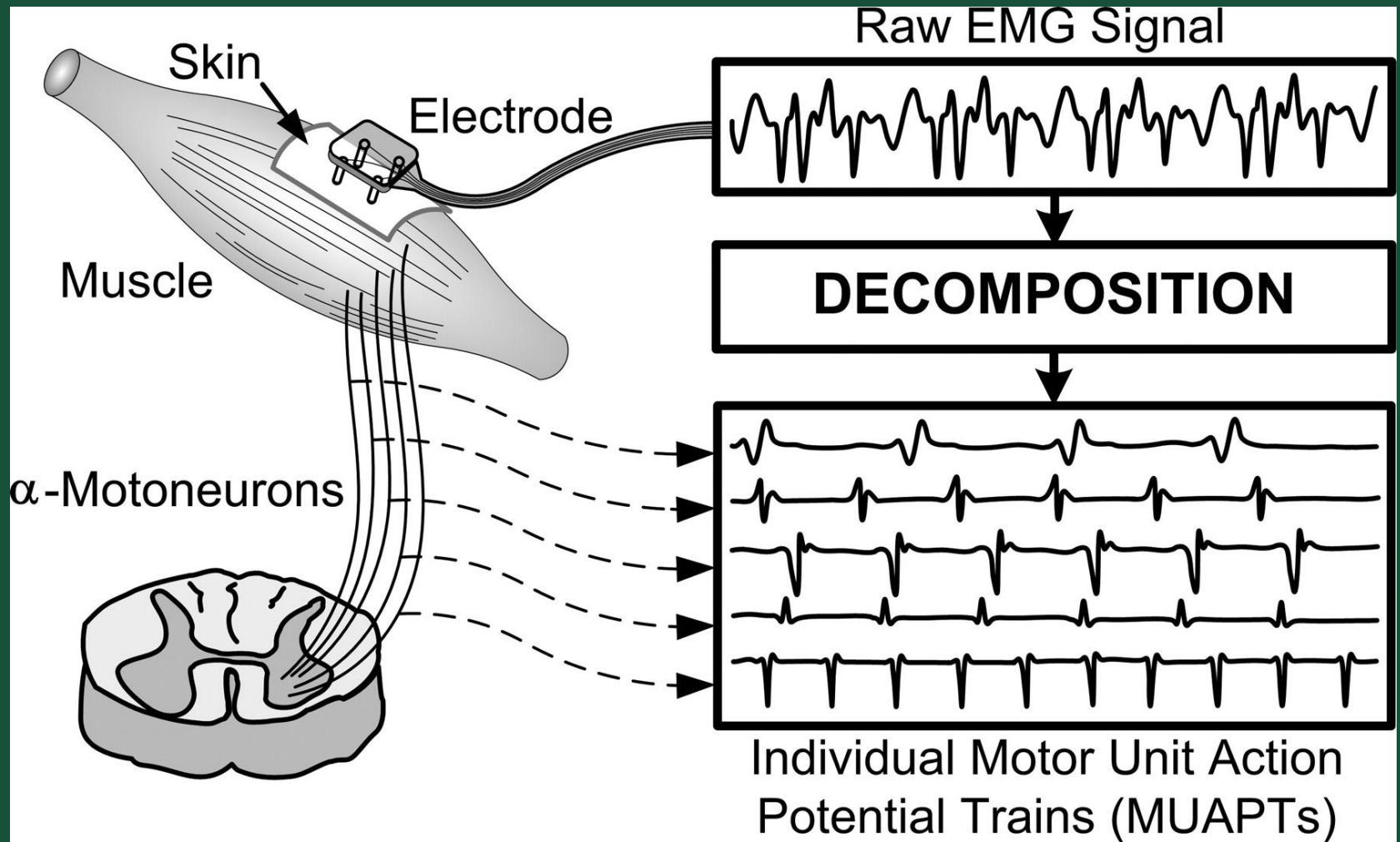
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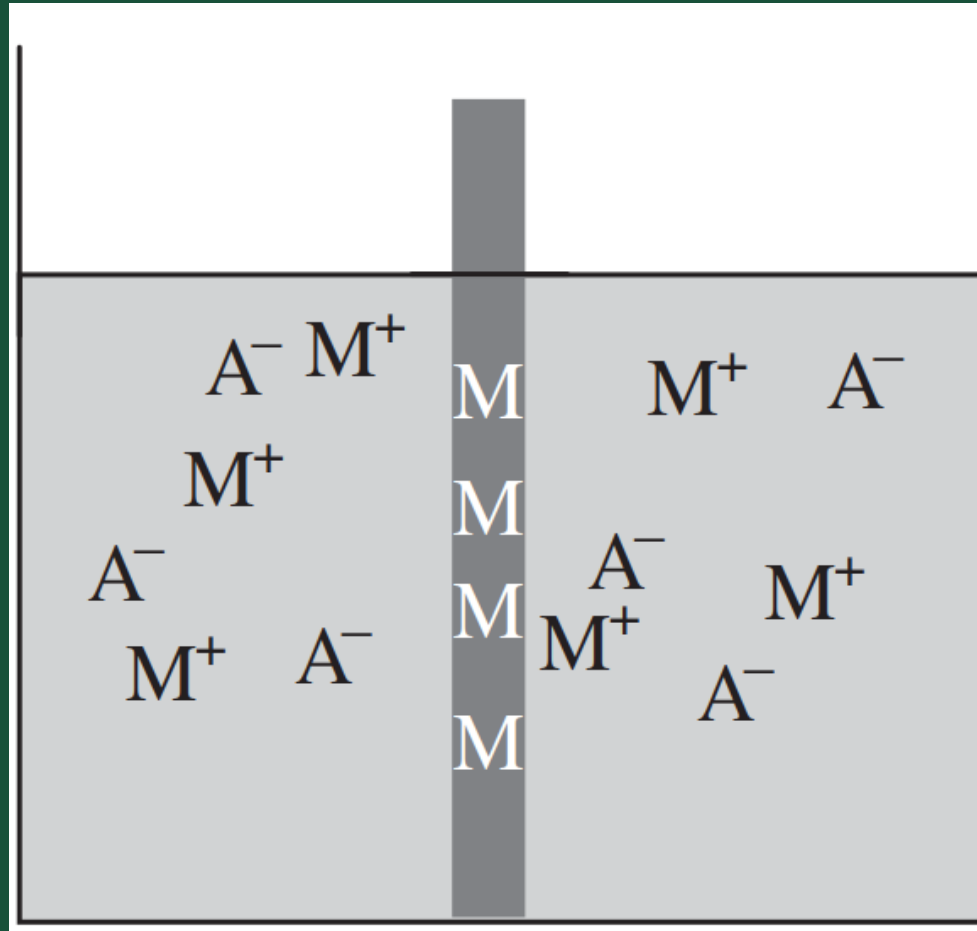
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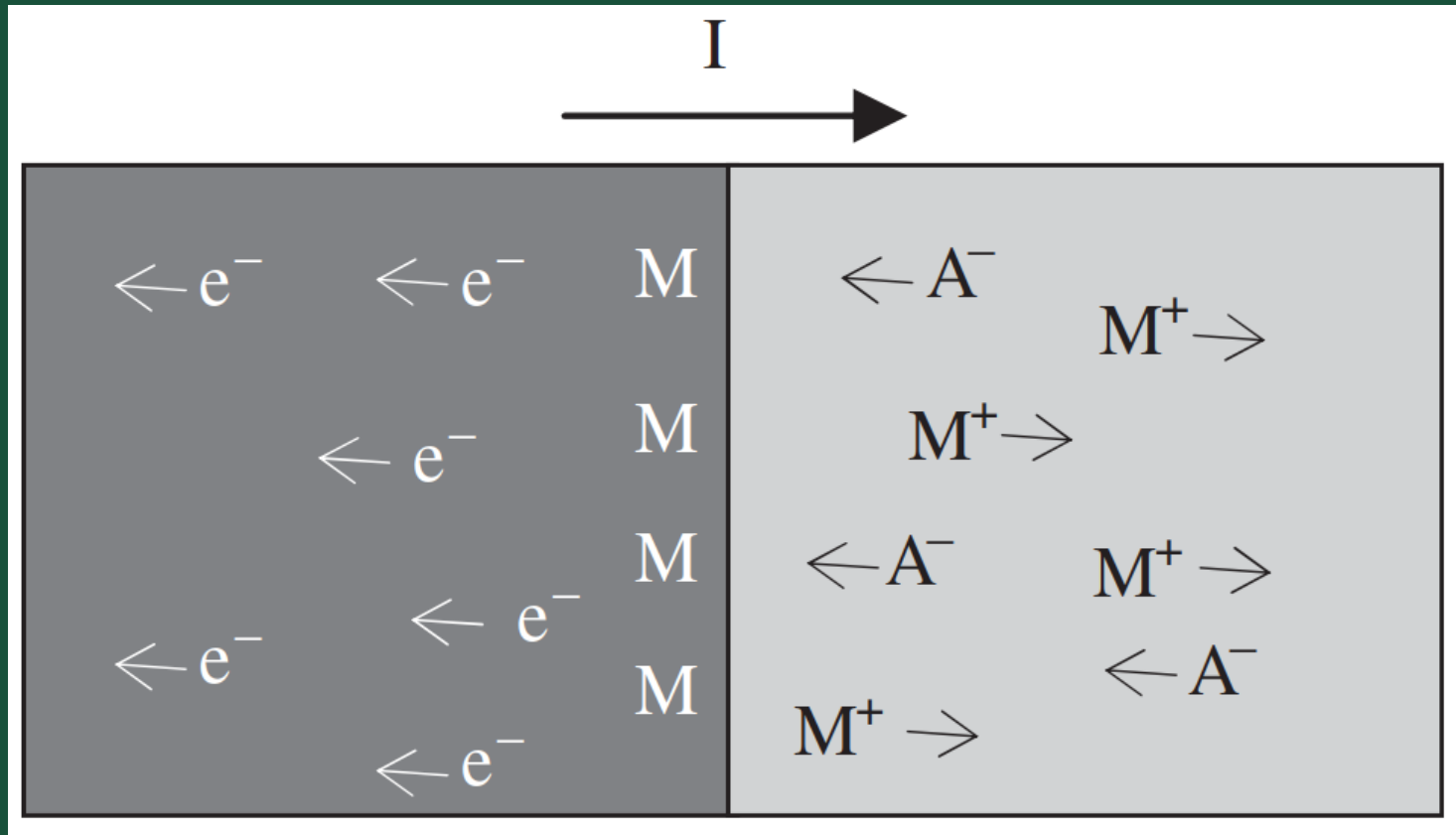
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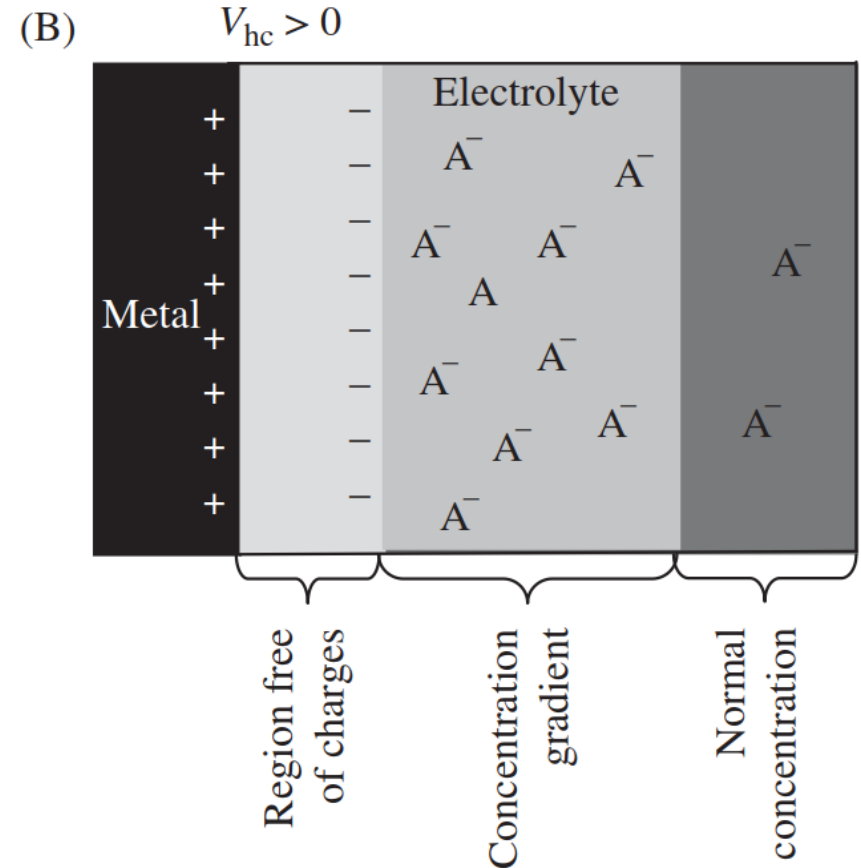
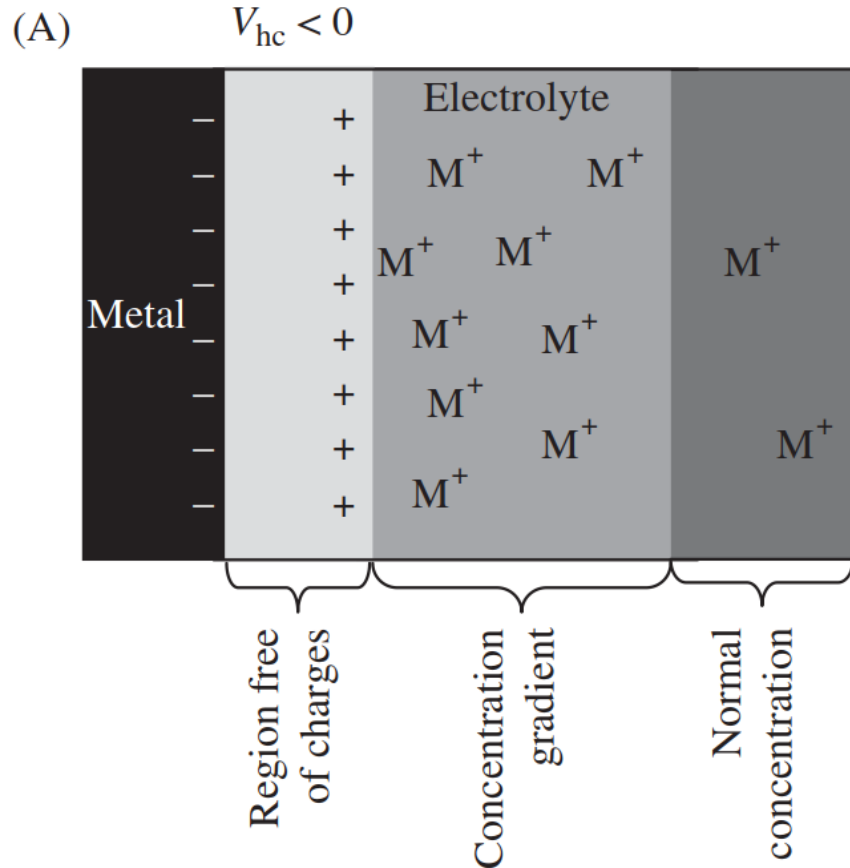
INTERFACE ELETRODO-ELETRÓLITO



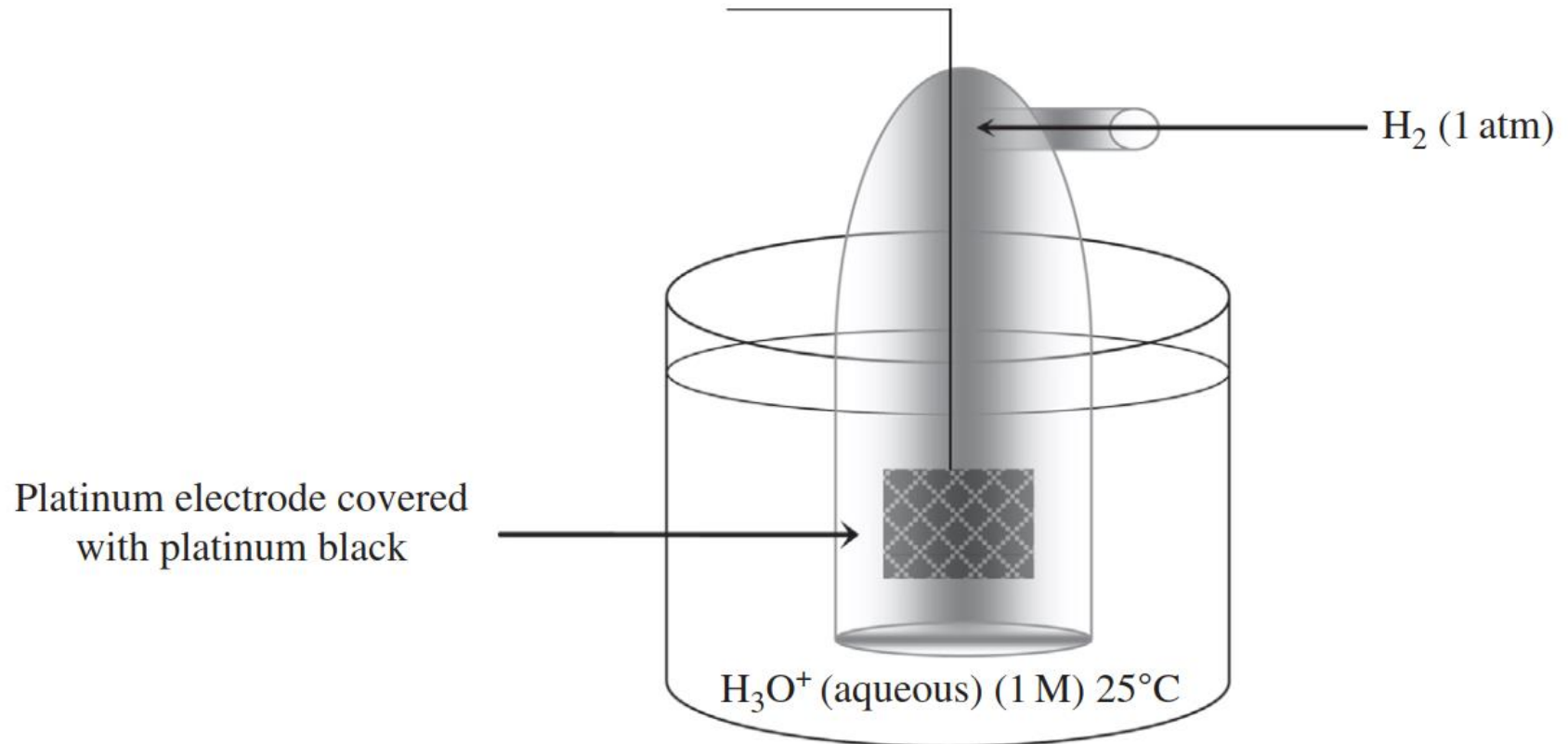
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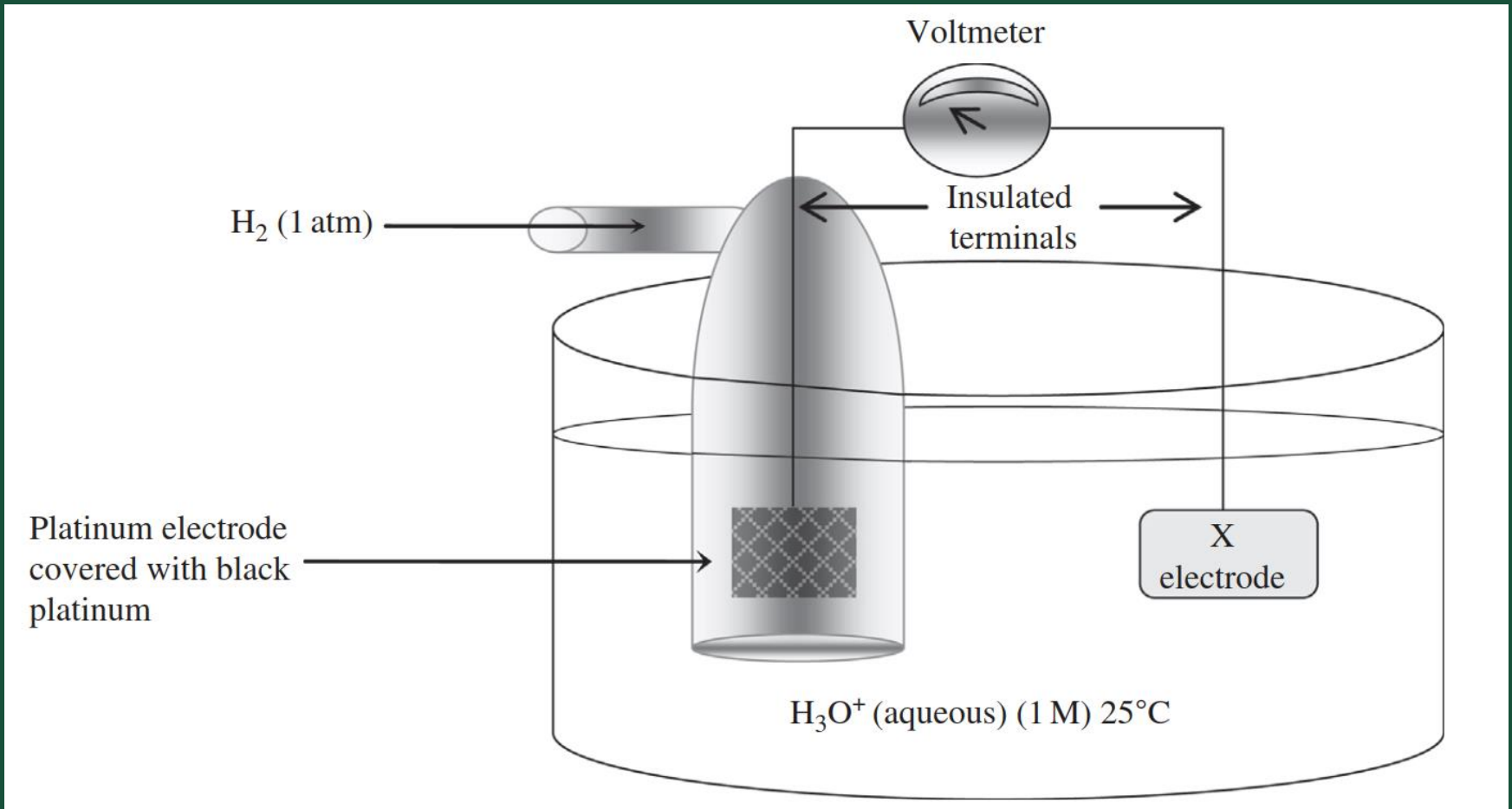
POTENCIAL DE MEIA CÉLULA



ELETRODO DE HIDROGÊNIO



POTENCIAL DE MEIA CÉLULA



POTENCIAL DE MEIA CÉLULA

TABLE 10.2 Half-Cell Potentials of Important Metals

Primary metal and chemical reaction	Half-cell potential (V)
$\text{Al} \rightarrow \text{Al}^{3+} + 3\text{e}^{-}$	-1.706
$\text{Cr} \rightarrow \text{Cr}^{3+} + 3\text{e}^{-}$	-0.744
$\text{Cd} \rightarrow \text{Cd}^{2+} + 2\text{e}^{-}$	-0.401
$\text{Zn} \rightarrow \text{Zn}^{2+} + 2\text{e}^{-}$	-0.763
$\text{Fe} \rightarrow \text{Fe}^{2+} + 2\text{e}^{-}$	-0.409
$\text{Ni} \rightarrow \text{Ni}^{2+} + 2\text{e}^{-}$	-0.230
$\text{Pb} \rightarrow \text{Pb}^{2+} + 2\text{e}^{-}$	-0.126
$\text{H}_2 \rightarrow 2\text{H}^{+} + 2\text{e}^{-}$	0.000 (standard by definition)
$\text{Ag} \rightarrow \text{Ag}^{+} + \text{e}^{-}$	+0.799
$\text{Au} \rightarrow \text{Au}^{3+} + 3\text{e}^{-}$	+1.420
$\text{Cu} \rightarrow \text{Cu}^{2+} + 2\text{e}^{-}$	+0.340
$\text{Ag} + \text{Cl}^{-} \rightarrow \text{AgCl} + 2\text{e}^{-}$	+0.223