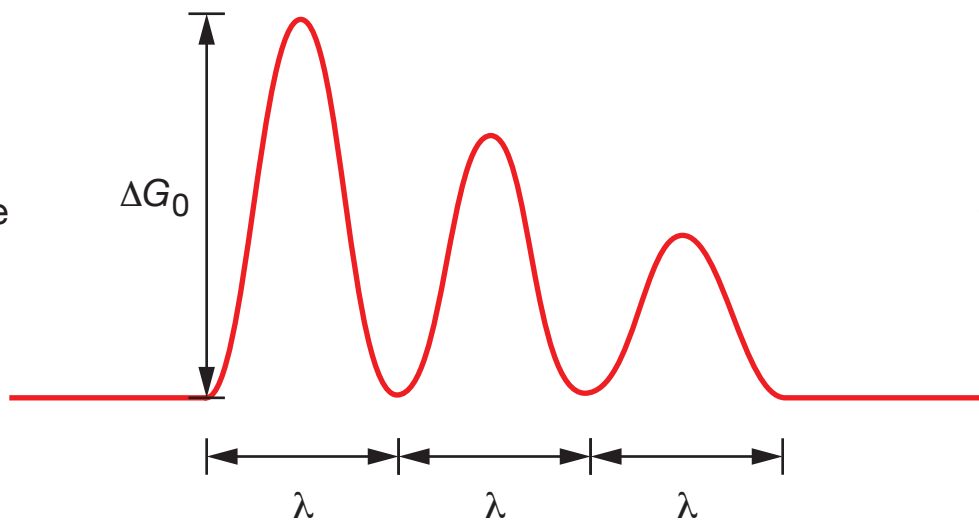


A

No electric field

Inside

Outside



B

With a potential difference
of V across the membrane ($z = 1$)

Inside

Outside

