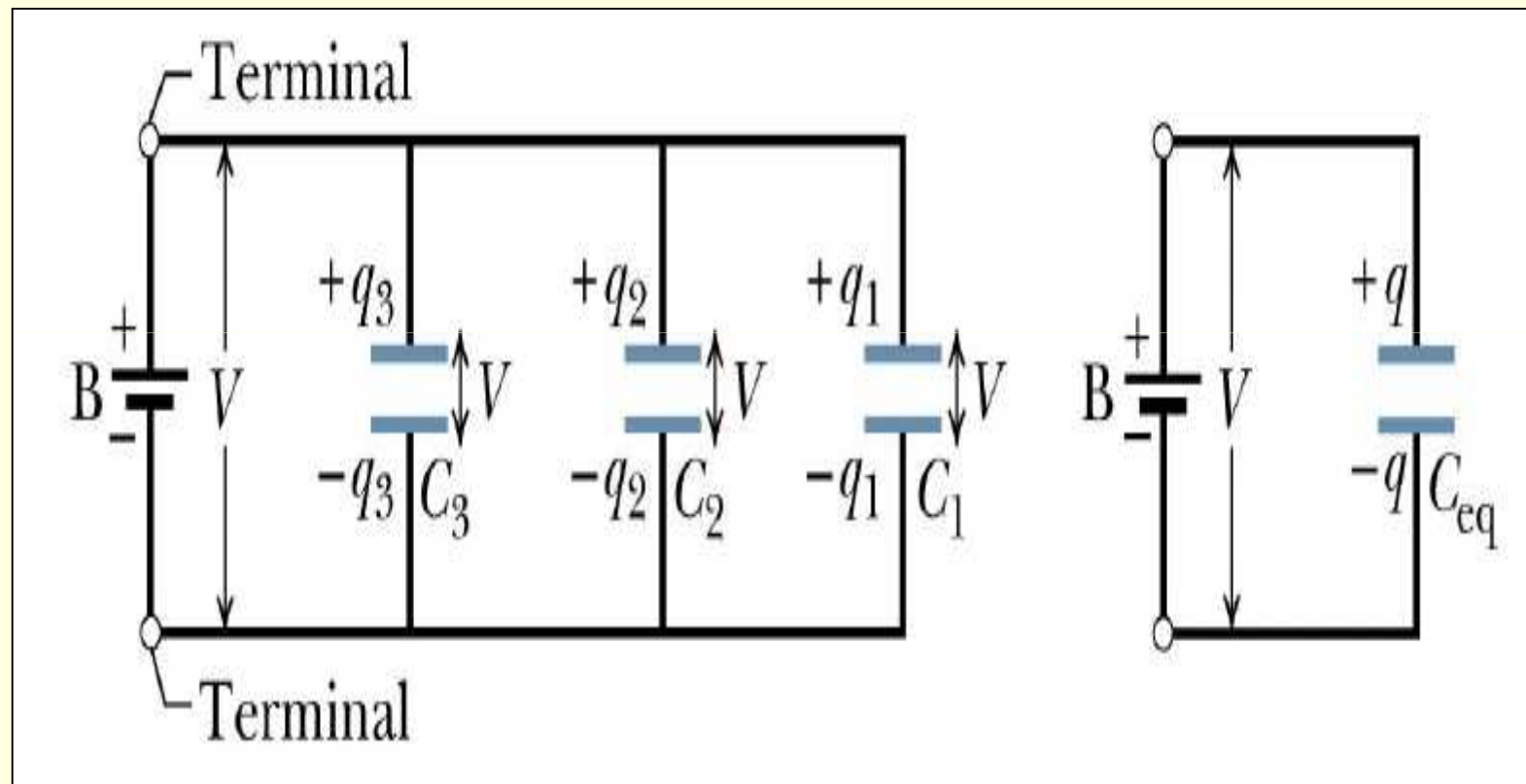
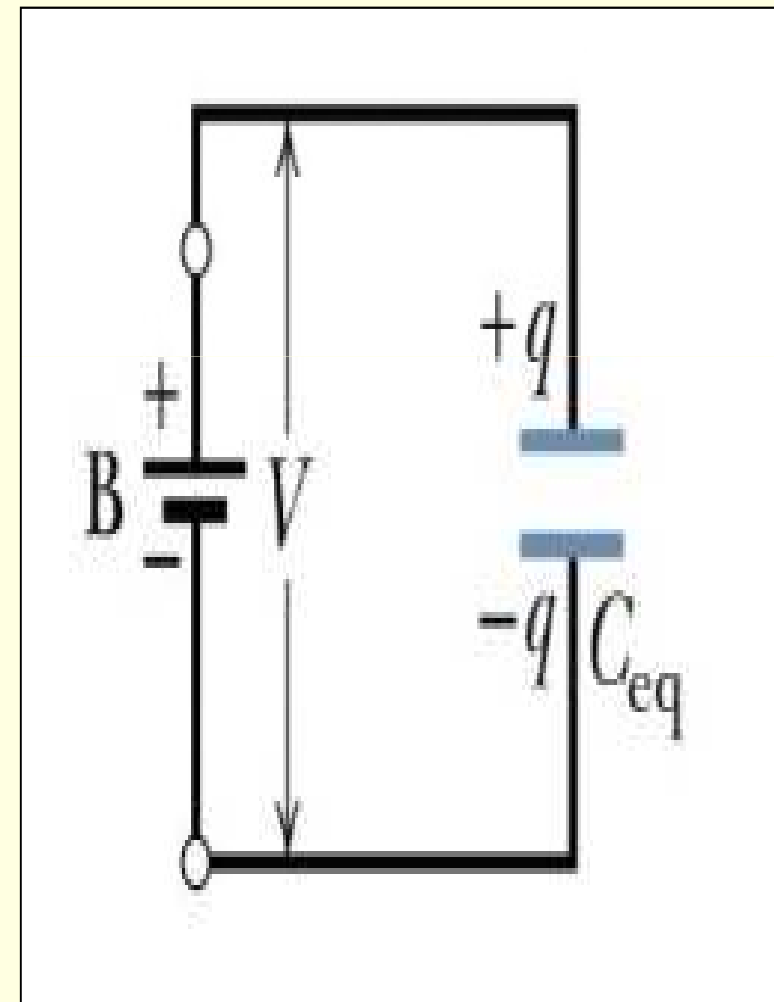
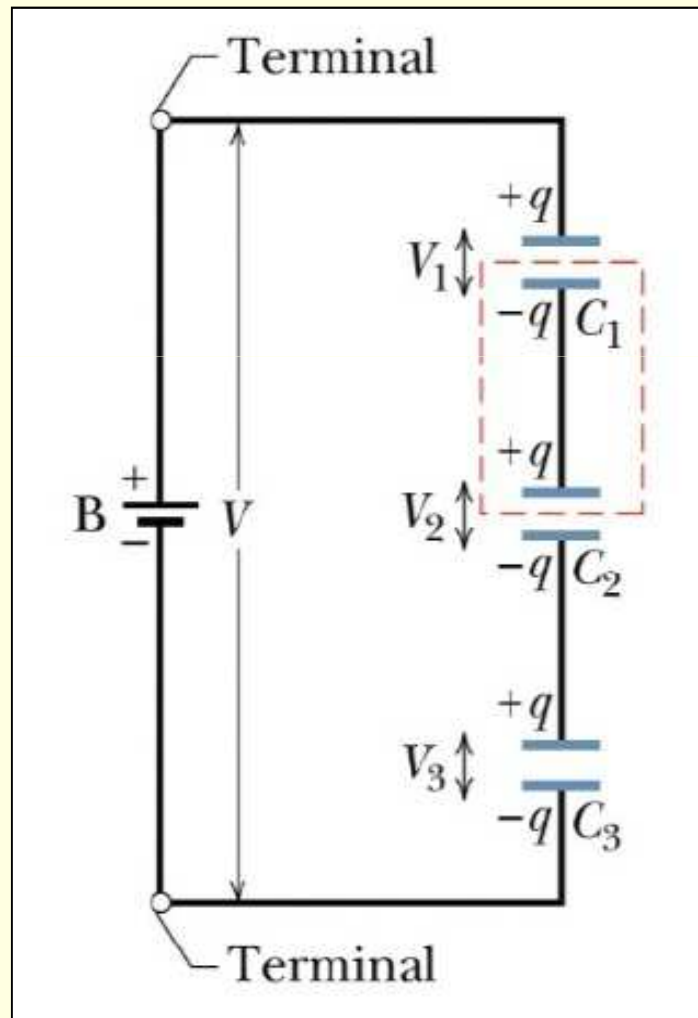


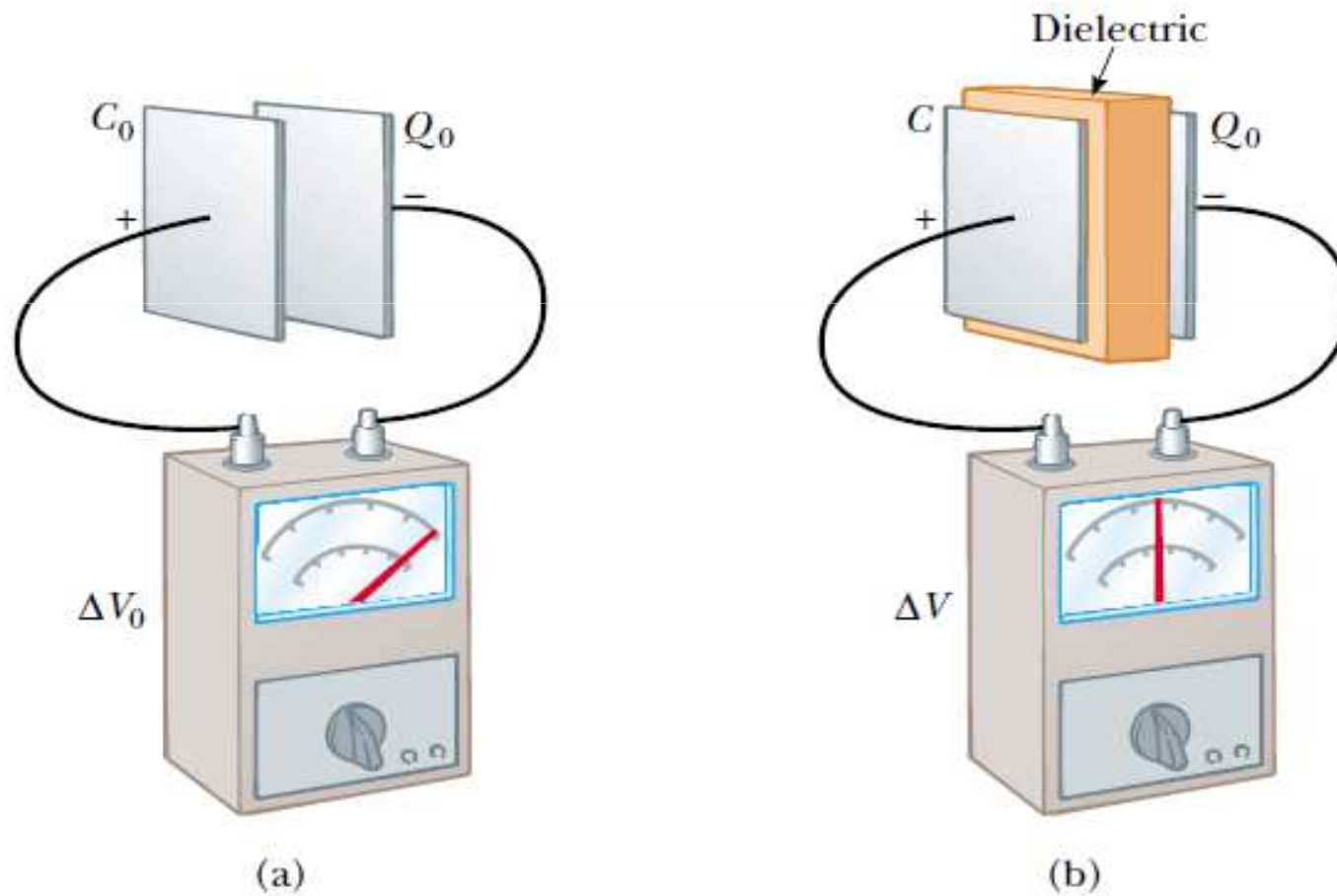
Associação paralela de capacitores



Associação série de capacitores



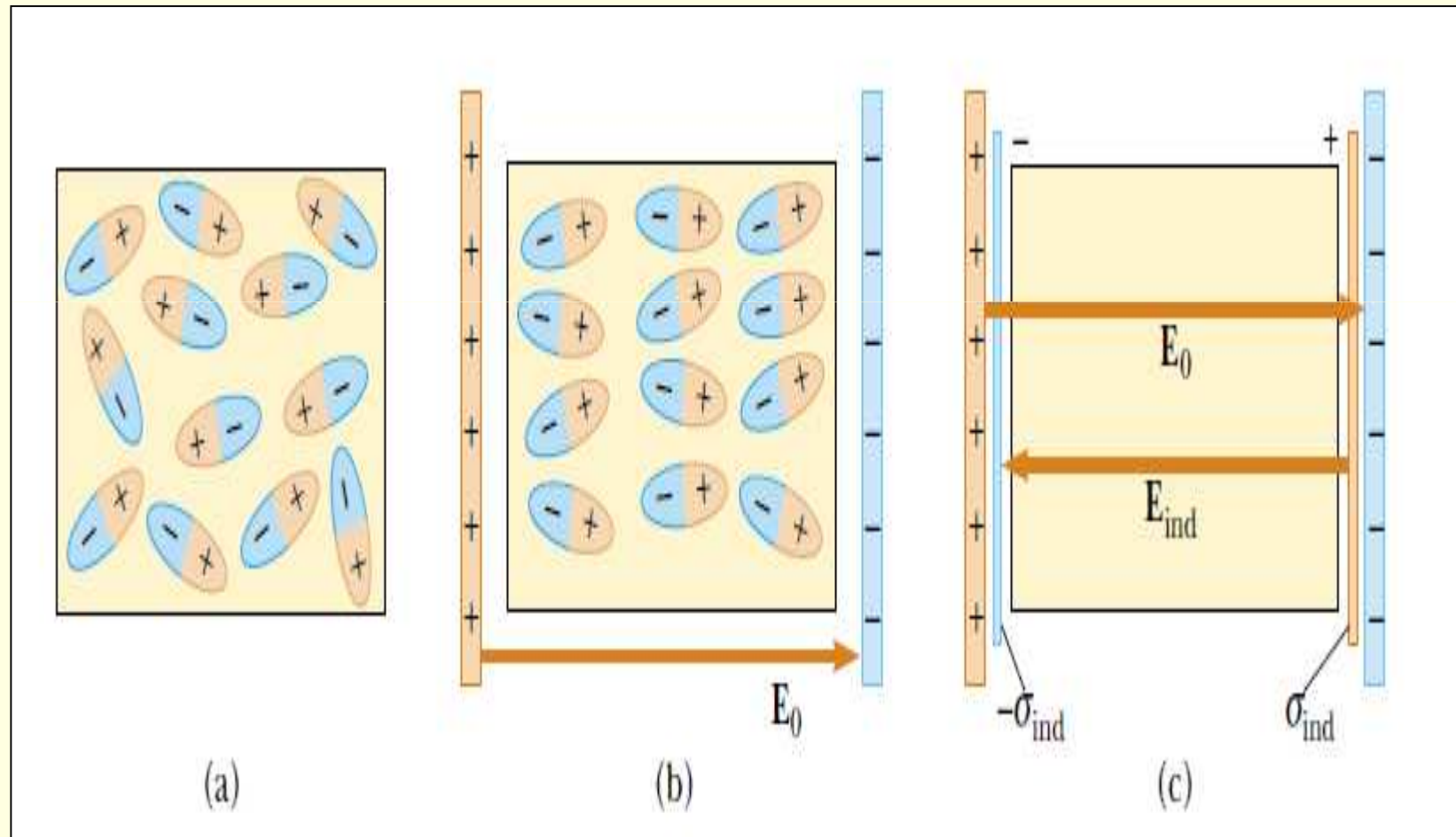
Capacitores com dielétrico



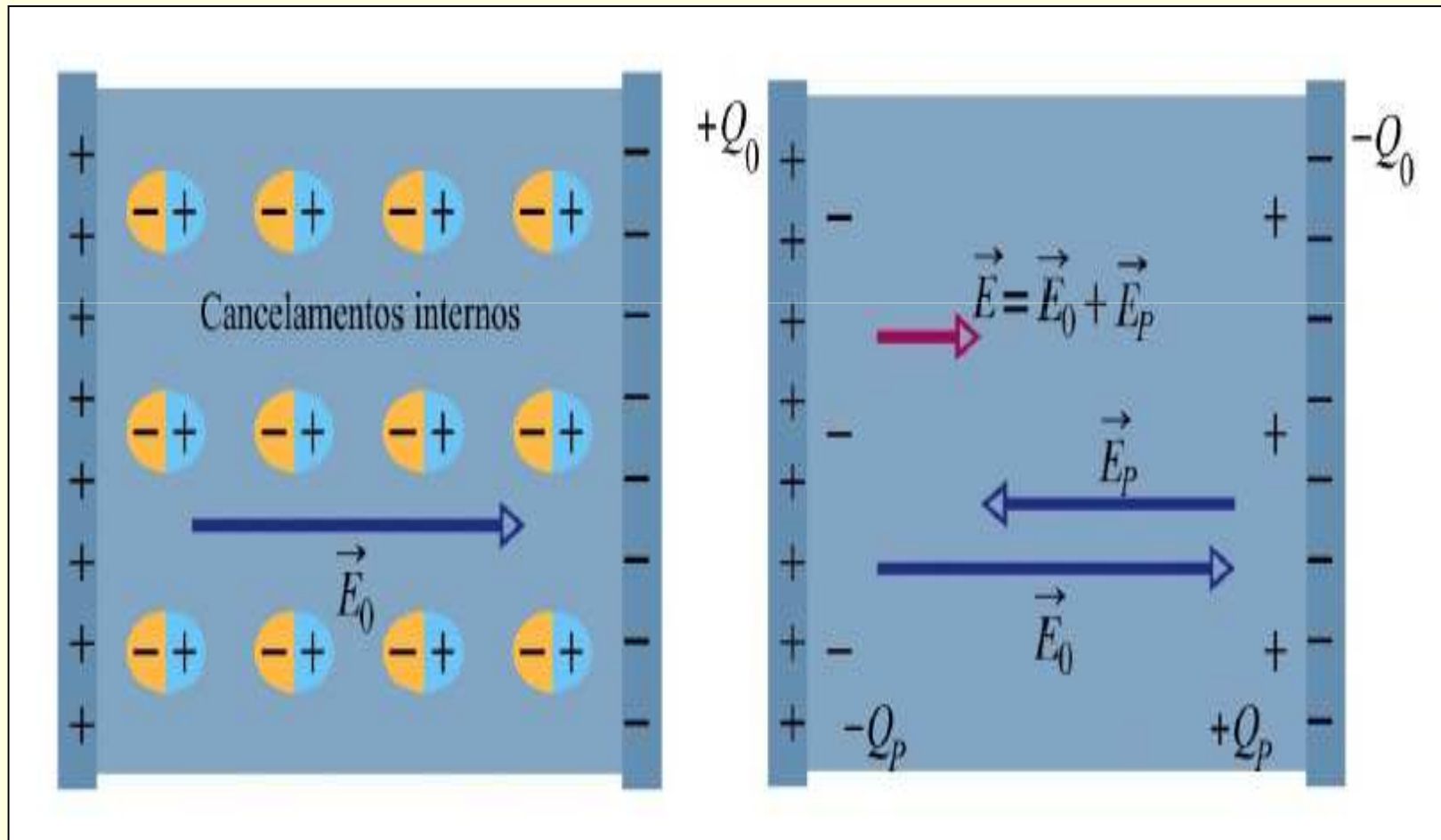
Constante dielátrica de alguns materiais

Material	Dielectric Constant κ	Dielectric Strength ^a (10^6 V/m)
Air (dry)	1.000 59	3
Bakelite	4.9	24
Fused quartz	3.78	8
Mylar	3.2	7
Neoprene rubber	6.7	12
Nylon	3.4	14
Paper	3.7	16
Paraffin-impregnated paper	3.5	11
Polystyrene	2.56	24
Polyvinyl chloride	3.4	40
Porcelain	6	12
Pyrex glass	5.6	14
Silicone oil	2.5	15
Strontium titanate	233	8
Teflon	2.1	60
Vacuum	1.000 00	—
Water	80	—

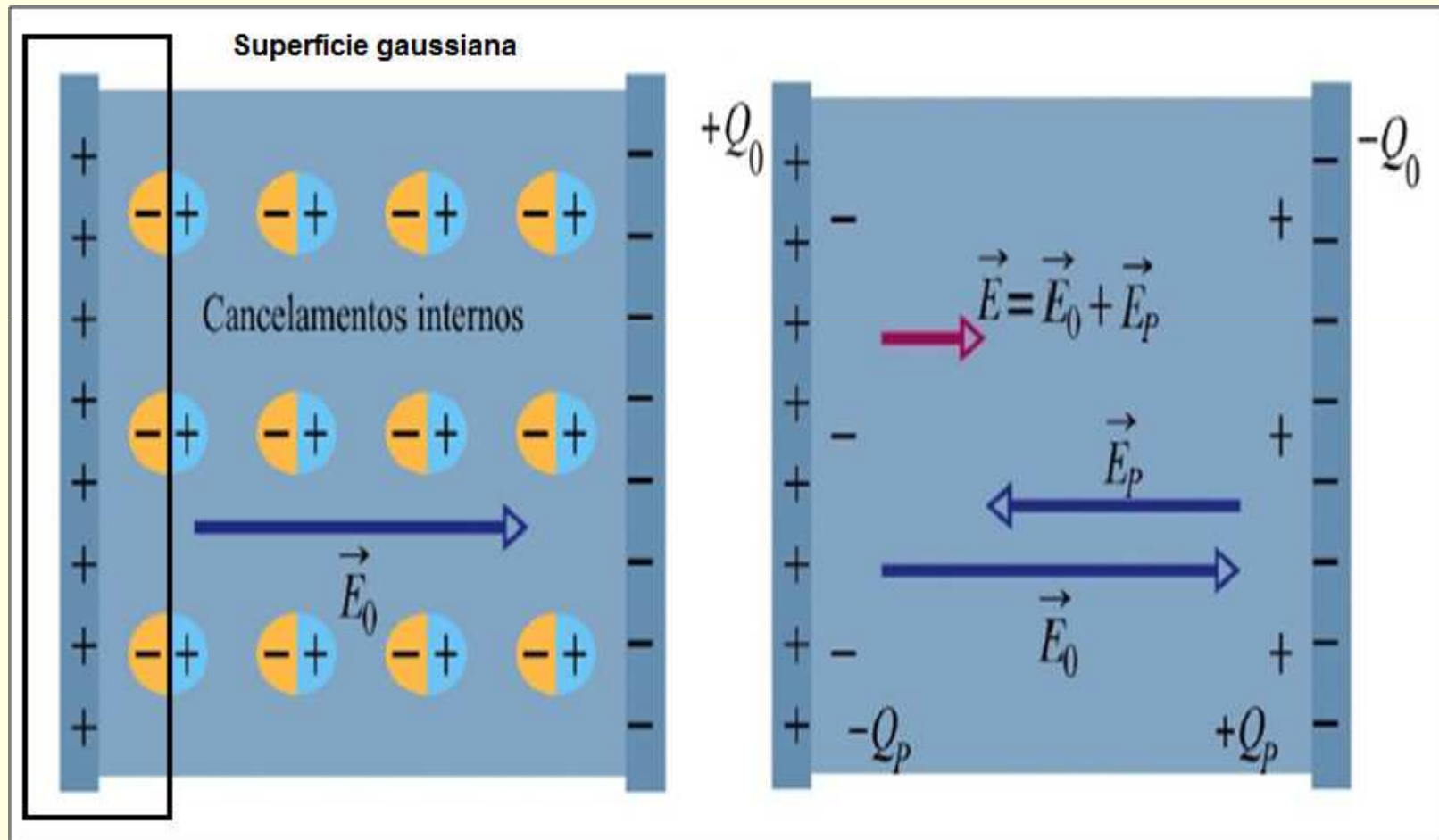
Polarização das moléculas do dielétrico



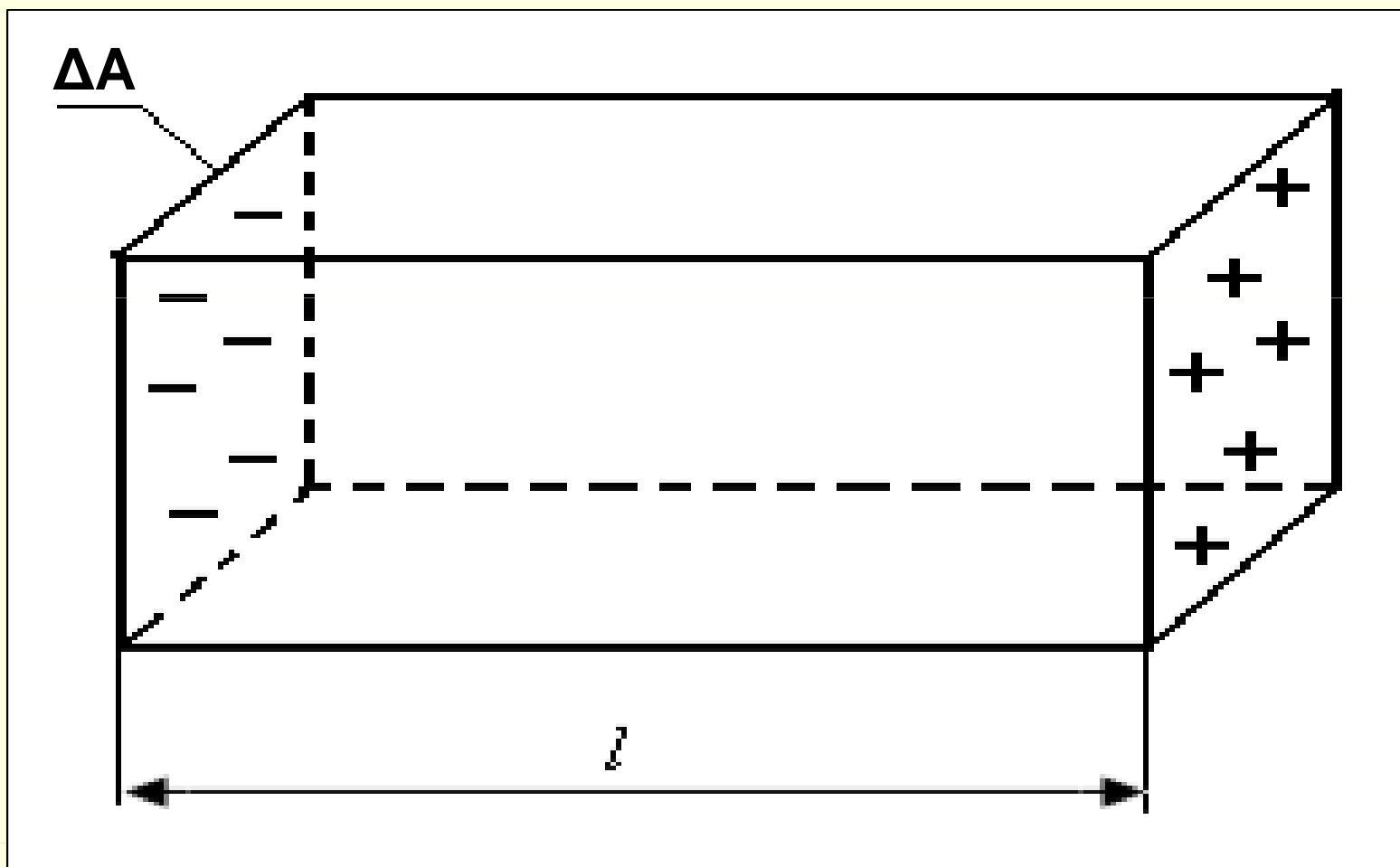
Polarização e campo elétrico em um dielétrico



Teorema de Gauss para um dielétrico



Carga de polarização



Capacitor com dielétrico parcialmente inserido

