Elektrostatik Sınır Koşulları	**Manyetostatik Sınır Koşulları**
$\oint_{C} \bar{E} \cdot d\bar{l} = \oint_{abcda} \bar{E} \cdot d\bar{l} = 0$	$\oint_{C} \bar{H} \cdot d\bar{l} = \oint_{abcda} \bar{H} \cdot d\bar{l} = I$
$\oint_{abcda} \bar{E} \cdot d\bar{l} = \int_{ab} \bar{E} \cdot d\bar{l} + \int_{bc} \bar{E} \cdot d\bar{l} + \int_{cd} \bar{E} \cdot d\bar{l} + \int_{da} \bar{E} \cdot d\bar{l} = 0$	$\oint_{abcda} \bar{H} \cdot d\bar{l} = \int_{ab} \bar{H} \cdot d\bar{l} + \int_{bc} \bar{H} \cdot d\bar{l} + \int_{cd} \bar{H} \cdot d\bar{l} + \int_{da} \bar{H} \cdot d\bar{l} = I = \left\|\bar{J}_s\right\| \Delta w$
$\oint_{abcda} \bar{E} \cdot d\bar{l} = \int_{ab} \bar{E}_2 \cdot d\bar{l} + \int_{cd} \bar{E}_1 \cdot d\bar{l} = 0$	$\oint_{abcda} \bar{H} \cdot d\bar{l} = \int_{ab} \bar{H}_2 \cdot d\bar{l} + \int_{cd} \bar{H}_1 \cdot d\bar{l} = \left\|\bar{J}_s\right\| \Delta w$
$\oint_{abcda} \bar{E} \cdot d\bar{l} = \int_{ab} \bar{E}_{2t} \cdot d\bar{l} + \int_{cd} \bar{E}_{1t} \cdot d\bar{l} = 0$	$\oint_{abcda} \bar{H} \cdot d\bar{l} = \int_{ab} \bar{H}_{2t} \cdot d\bar{l} + \int_{cd} \bar{H}_{1t} \cdot d\bar{l} = \left\|\bar{J}_s\right\| \Delta w$
$\left\|\bar{E}_{2t}\right\| \Delta w - \left\|\bar{E}_{1t}\right\| \Delta w = 0$	$\left\|\bar{H}_{2t}\right\| \Delta w - \left\|\bar{H}_{1t}\right\| \Delta w = \left\|\bar{J}_s\right\| \Delta w$
$\left\|\bar{E}_{2t}\right\| = \left\|\bar{E}_{1t}\right\|$	$\left\|\bar{H}_{2t}\right\| - \left\|\bar{H}_{1t}\right\| = \left\|\bar{J}_s\right\|$
$\bar{E}_{2t} = \bar{E}_{1t}$	

$$\oint_S \overline{D} \cdot d\overline{s} = Q$$

$$\oint_S \overline{D} \cdot d\overline{s} = \int_{üst} \overline{D} \cdot d\overline{s} + \int_{yan} \overline{D} \cdot d\overline{s} + \int_{alt} \overline{D} \cdot d\overline{s} = Q = \rho_s \Delta s$$

$$\oint_S \overline{D} \cdot d\overline{s} = \int_{üst} \overline{D}_1 \cdot d\overline{s} + \int_{alt} \overline{D}_2 \cdot d\overline{s} = \rho_s \Delta s$$

$$\oint_S \overline{D} \cdot d\overline{s} = \int_{üst} \overline{D}_{1n} \cdot d\overline{s} + \int_{alt} \overline{D}_{2n} \cdot d\overline{s} = \rho_s \Delta s$$

$$\left|\overline{D}_{1n}\right| \Delta s - \left|\overline{D}_{2n}\right| \Delta s = \rho_s \Delta w$$

$$\left|\overline{D}_{1n}\right| - \left|\overline{D}_{2n}\right| = \rho_s$$

$$\oint_S \overline{B} \cdot d\overline{s} = 0$$

$$\oint_S \overline{B} \cdot d\overline{s} = \int_{üst} \overline{B} \cdot d\overline{s} + \int_{yan} \overline{B} \cdot d\overline{s} + \int_{alt} \overline{B} \cdot d\overline{s} = 0$$

$$\oint_S \overline{B} \cdot d\overline{s} = \int_{üst} \overline{B}_1 \cdot d\overline{s} + \int_{alt} \overline{B}_2 \cdot d\overline{s} = 0$$

$$\oint_S \overline{B} \cdot d\overline{s} = \int_{üst} \overline{B}_{1n} \cdot d\overline{s} + \int_{alt} \overline{B}_{2n} \cdot d\overline{s} = 0$$

$$\left|\overline{B}_{1n}\right| \Delta s - \left|\overline{B}_{2n}\right| \Delta s = 0$$

$$\left|\overline{B}_{1n}\right| = \left|\overline{B}_{2n}\right|$$

$$\overline{B}_{1n} = \overline{B}_{2n}$$

	Alan Şiddeti	**Akı Yoğunluğu**
Elektrik	$\overline{E}$ (V/m) $\oint_C \overline{E} \cdot d\bar{l} = 0$ (Fiziksel Gerçek; Enerjinin Korunumu) $\overline{E}_{1t} = \overline{E}_{2t}$	$\overline{D}$ (C/m^2) $\oint_S \overline{D} \cdot d\bar{s} = Q$ (Deneysel; Gauss Yasası'nın Genel Hali) $\lvert \overline{D}_{1n} \rvert - \lvert \overline{D}_{2n} \rvert = \rho_S$
Manyetik	$\overline{H}$ (A/m) $\oint_C \overline{H} \cdot d\bar{l} = I$ (Deneysel; Amperé Yasası'nın Genel Hali) $\lvert \overline{H}_{1t} \rvert - \lvert \overline{H}_{2t} \rvert = \lvert \bar{J}_s \rvert$	$\overline{B}$ (Wb/m^2) $\oint_S \overline{B} \cdot d\bar{s} = 0$ (Fiziksel Gerçek; Doğada İzole Manyetik Yük Bulunmaması) $\overline{B}_{1n} = \overline{B}_{2n}$
	Teğet Bileşen Vektörleri	*Normal Bileşen Vektörleri*