(2.) $(\forall \varepsilon > 0)(\exists E_\varepsilon \in \mathcal{M})(\mu(E_\varepsilon) < \infty)$

$$\Big(((F \in \mathcal{M}) \wedge (F \cap E_\varepsilon) = \emptyset) \Rightarrow (\forall n \in \mathbf{N})(\int_F |f_n|^p d\mu < \varepsilon^p) \Big).$$

(3.) $(\forall \varepsilon > 0)(\exists \delta(\varepsilon) > 0))$

$$\Big(((E \in \mathcal{M}) \wedge (\mu(E) < \delta(\varepsilon))) \Rightarrow (\forall n \in \mathbf{N})(\int_E |f_n|^p d\mu < \varepsilon^p) \Big).$$

Napomena. Ako je niz ograničen Lebegovom integralnom dominantom, tada su uslovi (2.) i (3.) automatski ispunjeni.