Introduced by Dyson and Meinert

$$\Delta \phi (E, \alpha) = \frac{1}{2} \min \int E \left[ \langle \alpha \mid \hat{W} \mid \alpha \rangle \right] \leq \Delta E$$

By statistic

$$E \{ n, \{ \tau \} \}$$ is the probability that there are exactly n eigenvalues in \{ \tau \} for an ensemble of \{ n \} eigenvalues

$$E \{ \phi, \{ \tau \} \}$$ is known as the emptiness formation probability