

Date 95.2.15

P307 ~ P308

Example i.

$$\begin{aligned} \frac{\sqrt{-1}}{2\pi} \int_M \Theta &= \int_M 1 \wedge \frac{\sqrt{-1}}{2\pi} \Theta = \int_{\sum a_i p_i} 1 = \sum a_i \int_{p_i} 1 \\ &= \sum a_i = \deg D \end{aligned}$$

Poincare duality . see P 59