

13.6 | 연습문제 정답

01. -6π

02. 2π

03. -4π

04. -2

05. 48π

06. $-\frac{2}{3}$

07. 4

08. 0

09. $-\frac{1}{10}$

10. -8π

11. 4π

12. $2a^2\pi$

13. -2π

14. $\text{curl } \mathbf{F} = \langle 0, 0, 0 \rangle \Rightarrow \oint_{\partial S} \mathbf{F} \cdot \mathbf{T} \, ds = \iint_S \text{curl } \mathbf{F} \cdot \mathbf{n} \, dS = 0$