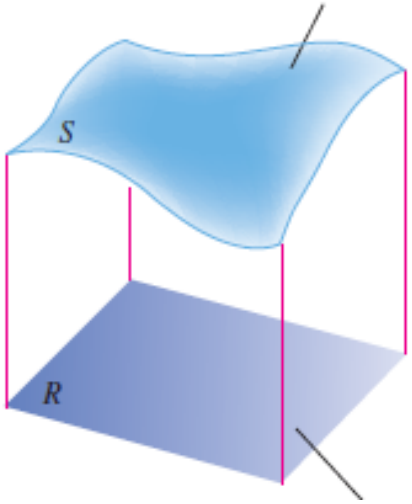

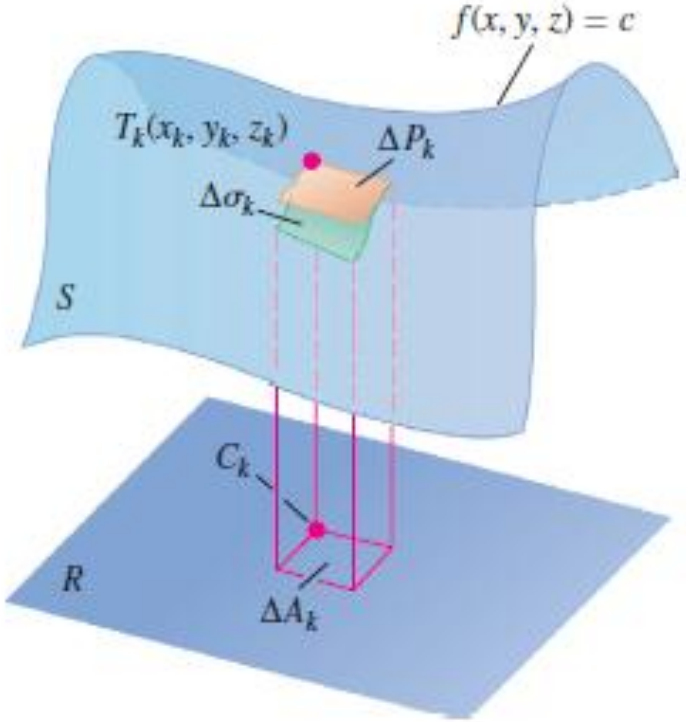

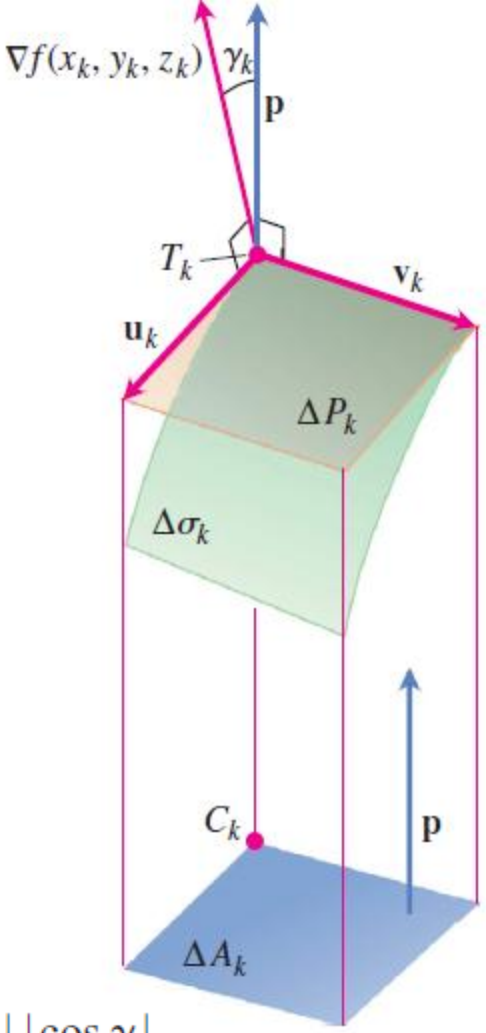

$$|(\mathbf{u}_k \times \mathbf{v}_k) \cdot \mathbf{p}| = \Delta A_k.$$

$$\underbrace{|\mathbf{u}_k \times \mathbf{v}_k|}_{\Delta P_k} \underbrace{|\mathbf{p}|}_{1} \underbrace{|\cos(\text{kut između } \mathbf{u}_k \times \mathbf{v}_k \text{ i } \mathbf{p})|}_{|\cos\gamma_k|} = \Delta A_k$$

$$\Delta P_k |\cos\gamma_k| = \Delta A_k \qquad |\nabla f \cdot \mathbf{p}| = |\nabla f|\,|\mathbf{p}|\,|\cos\gamma|$$

$$\Delta P_k = \frac{\Delta A_k}{|\cos\gamma_k|}$$

$$\frac{1}{|\cos\gamma|} = \frac{|\nabla f|}{|\nabla f \cdot \mathbf{p}|}$$

$$\sum \Delta P_k = \sum \frac{\Delta A_k}{|\cos\gamma_k|} \longrightarrow \iint_R \frac{1}{|\cos\gamma|}\,dA = \iint_R \frac{|\nabla f|}{|\nabla f \cdot \mathbf{p}|}\,dA$$