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 $L^k(W) = C^\infty(W, R^N \text{ Skw})$ , The Space Of Smooth Differential K-forms On W. Exterior Derivative:  $dk: L^k(W) \rightarrow L^{k+1}(W)$  Integral Of A K-form Over An Oriented K-simplex:  $\int_R F \cdot \nu = \int_R \text{curl } F \cdot \nu$  Stokes Theorem:  $\int_R \text{curl } F \cdot \nu = \int_{\partial R} F \cdot \tau$  All This Works On Any Smooth ... Jan 3th, 2024.

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