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The Generalized Finite Element Method - Improving

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 $C^\infty(W, R^3) \rightarrow \text{curl } C^\infty(W, R^3) \rightarrow \text{div } C^\infty(W) \rightarrow \dots \rightarrow 0$
 $L^0(W) \rightarrow L^1(W) \rightarrow L^2(W) \rightarrow \dots \rightarrow L^n(W) \rightarrow 0$
 The Space $L_k(W) = C^\infty(W, R^N \otimes \text{Skw})$, 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: $\int_R f \cdot \nu = \int_R \nabla \cdot c$
 Stokes Theorem: $\int_U \nabla \cdot c = \int_{\partial U} c \cdot \nu$
 All This Works On Any Smooth ... Mar 9th, 2023.

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 *Loped For Metalworking Processes, It Was Soon Realized That Metalworking Is Just One Of The Many Operations Before The Part Is finally Installed.

Prior To Forging, The Billet Is Made By Primary Forming Processes, Such As Cogging Or Bar Rolling From A Cast Ingot. After Forging, The Part Is Heat Treated, Rough Machined, And finish Machined. Mar 7th, 2023.

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