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Finite Difference Approximation Derivative At A Point $T \pm \Delta t$ Based On The Value Of Points In The Neighborhood Of $T \pm \Delta t$ Approximate Analytical Expression Analytical Expression That Can Be Easily Differentiated Feb 2th, 2024.

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 Proof. We Easily Deduce From The Triangle Inequality That $\|x - y\| \leq \|x - z\| + \|z - y\|$. Therefore $\|x - y\| \leq \|x - z\| + \|z - y\|$.
 Theorem 1.2. Let There Be Given A Normed Vector Space X And A Finite Dimensional Vector Subspace P . Then For Any $f \in X$ there Exists $p \in P$ Minimizing $\|f - p\|$. Proof. Let F
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