Linear Algebra Study Guide David Lay

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1 vector spaces - mit esp - algebra math notes $\tilde{A}\notin \hat{A} \in \hat{A}\notin$ study guide linear algebra 1 vector spaces 1-1 vector spaces a vector space (or linear space) v over a field f is a set on which the operations addition (+) and scalar multiplication, are defined so that for all , , $\tilde{A}\notin \hat{A}^{\hat{A}}$ and all , $\tilde{A}\notin \hat{A}^{\hat{A}}$,

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solving equations $\hat{A} \notin \hat{A} \in \hat{A}$ **"quick reference - algebra-class** - solving equations study guide 1. does your equation have fractions ? yes $\hat{A} \notin \hat{A} \in \hat{A}$ "multiply every term (on both sides) by the denominator. no $\hat{A} \notin \hat{A} \in \hat{A}$ "go to step 2. 2. does your equation involve the distributive property ? (do you see parenthesis?) yes $\hat{A} \notin \hat{A} \in \hat{A}$ "rewrite the equation using the distributive property. no $\tilde{A} \notin \hat{A} \in \hat{A}$ "go to step 3. 3.

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