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17) First Order Partial Differential Equations [Farlow: 27, 28] A) Method Of Characteristics B) Conservation Equations (nonlinear First Order Equations) 18) Systems Of PDEs - Linear Algebra Revisited [notes From Logan + Farlow: 29] A) Writing Higher Order Equations And Systems Mar 21th, 2024

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4. Linear Algebra[2] (APMA E4001y "Principles Of Applied Math") 5. Partial Differential Equations[3] (APMA E4200x\* "Partial Differential Equations") Notes: [1]At The Level Of Chapters 1-6 And 8 In Classical Mechanics, Third May 4th, 2024

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Volume \*  $D^b \leftarrow V \leftarrow = F. K(t) + V \leftarrow R^b \leftarrow (t) Dt$  • We Want To Solve For By  
Approximating The Reaction And . flux Terms. Let's Construct Low Order  
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