

## Week # 15 - Topics

**§7.6** Complex eigenvalues

**§7.7** Fundamental Matrix (**FM**); matrix exponential  $e^{At}$

**§7.8** Repeated Eigenvalues; Defective Eigenvalue Theorem

**§7.9** Nonhomogeneous Linear Systems; Variation of Parameters (**VoP**); Undetermined Coefficients (**UC**)

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