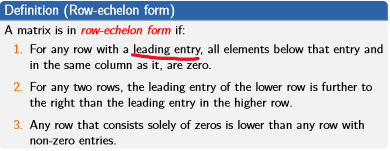
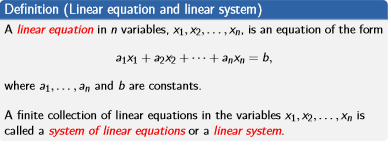
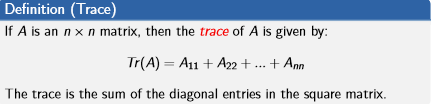
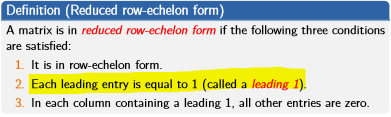
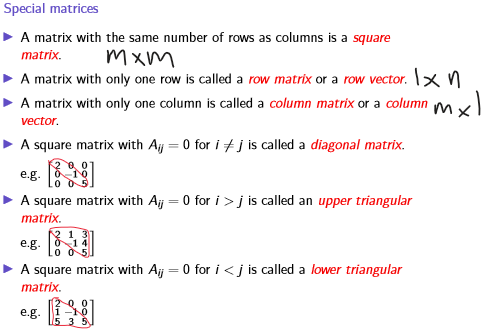
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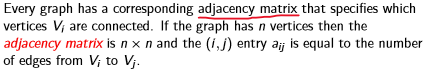
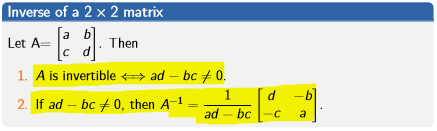
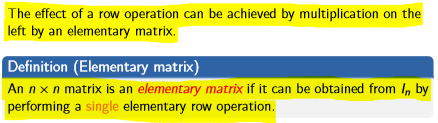
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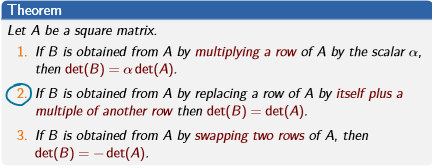
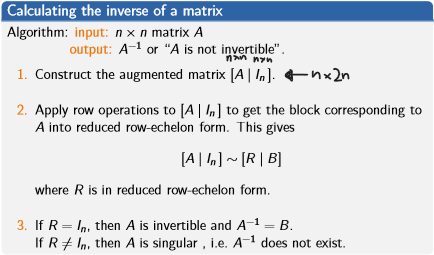
No solution: A zero row with a non-zero RHS

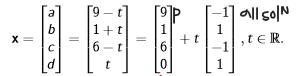
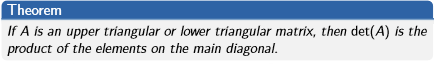
                                                                   Infinitely many solutions: There are columns without leading entries

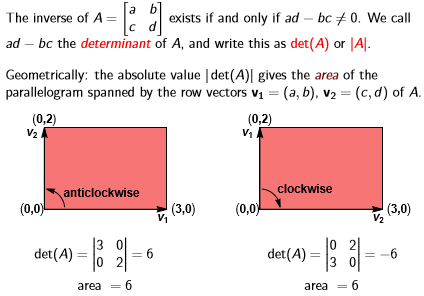
Unique solution: A leading entry for each column

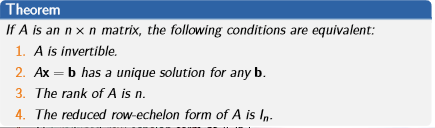


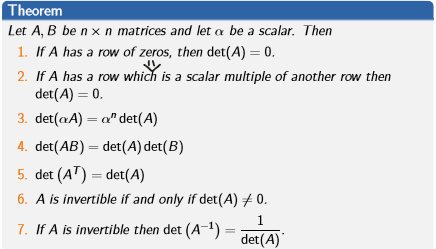
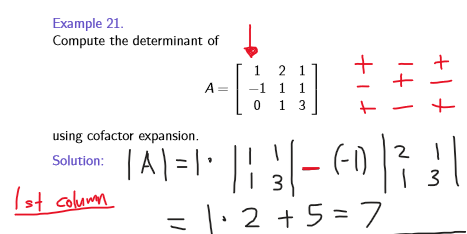


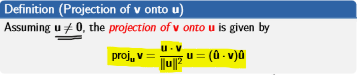
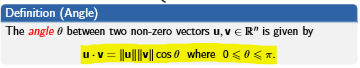
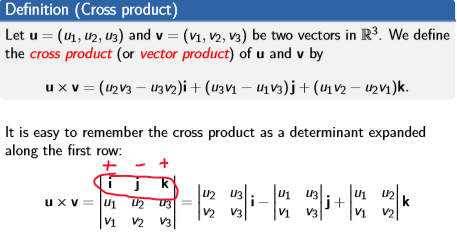
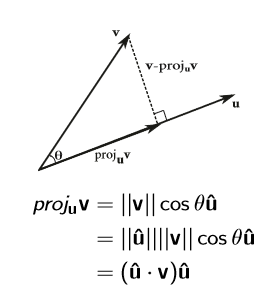


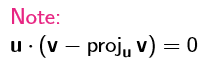


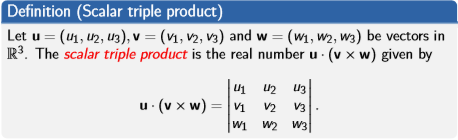
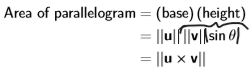




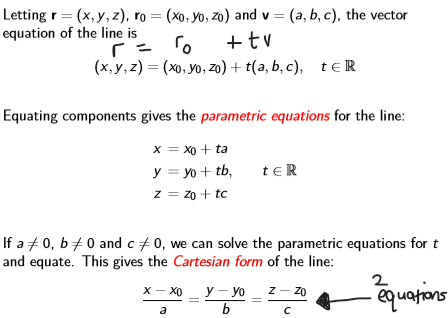
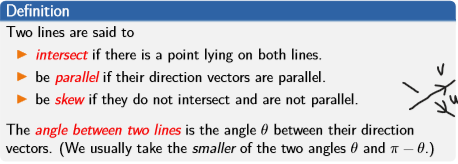


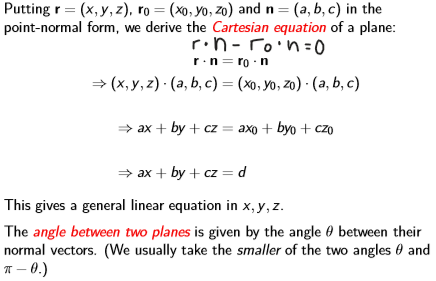


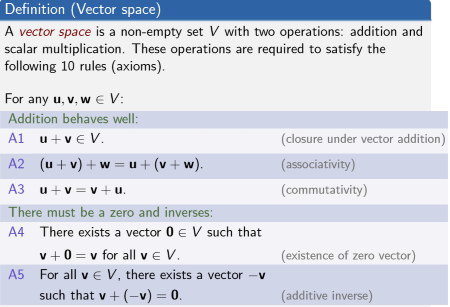
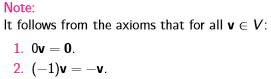


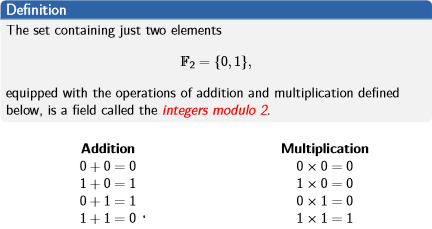
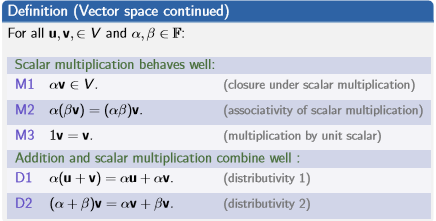
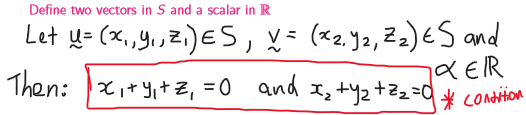


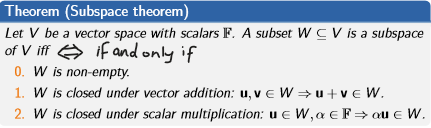
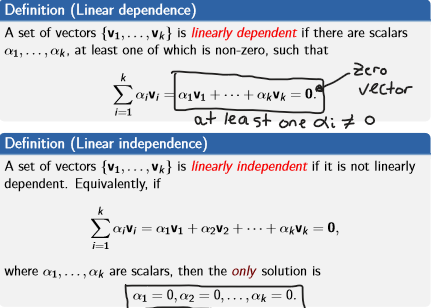


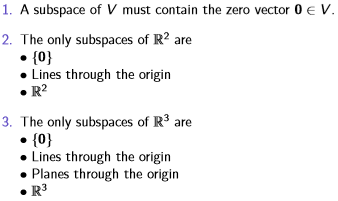
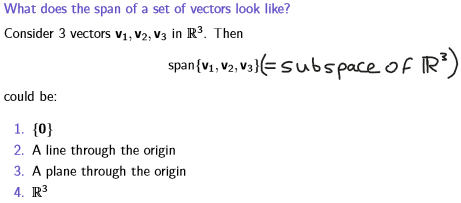


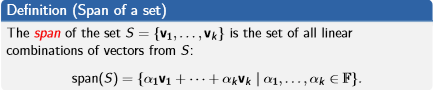


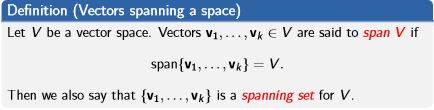


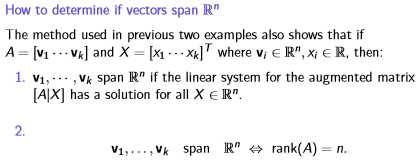


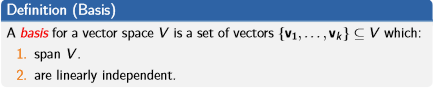


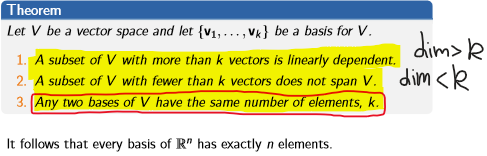


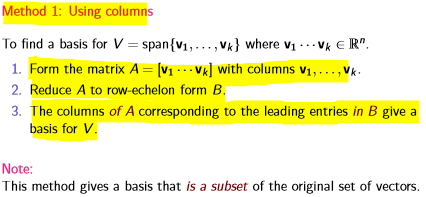


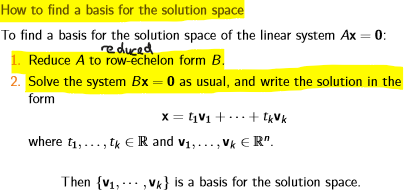


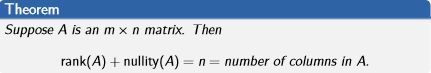


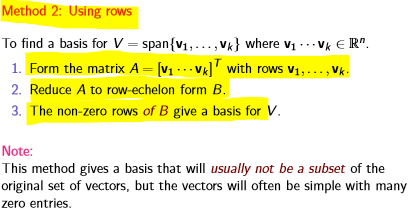
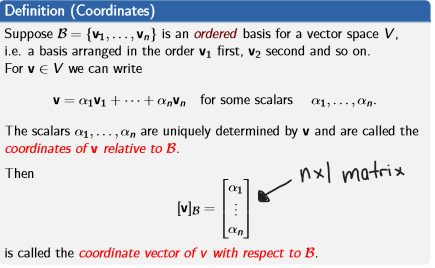
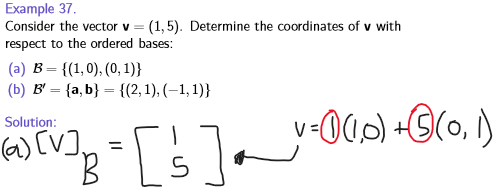


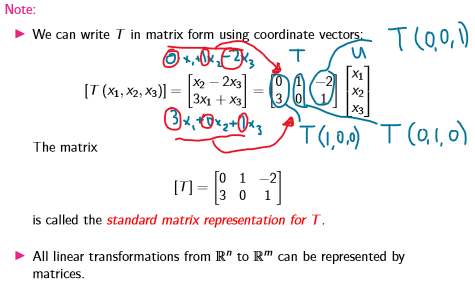










**TOPIC 5 – LINEAR TRANSFORMATIONS**

