

1. Non- Singular
2. Singular
3. Homogeneous
4. Non-Homogeneous
5. Inconsistent
6. Vector Space
7. Vector Subspace
8. Span
9. Basis
10. Linear Independence
11. Linear dependence
12. Linear Combination
13. Onto mapping
14. 1 to 1 mapping
15. 1 to 1 correspondence
16. Augmented Matrix
17. Leading Variable
18. Rank
19. Dimension
20. Isomorphism
21. Homomorphism
22. Automorphism
23. Nullity
24. Null Space or Kernel
25. Range Space
26. Equivalence Relation and Partition
27. Parameter
28. Free Variable
29. Domain
30. Co-domain
31. Row-echelon form
32. Reduced row-echelon form
33. Row space
34. Column Space
35. Closure
36. Rotation
37. Reflection
38. Dilation
39. $\text{Rep}(B)$