Unit 5 - Week 3 - Introduction to Group Multiplication Table, Stereographic Projections and Matrix Representations of Symmetry Operations

Assignment 3

1. What is the representation of $\tau_x$?

2. What is the representation of $\tau_y$?

3. What is the representation of $\tau_z$?

4. What is the representation of $\gamma$?

5. What is the representation of $\alpha$?

6. What is the representation of $\beta$?

7. What is the representation of $\gamma$?

8. What is the representation of $\delta$?

9. What is the representation of $\epsilon$?

10. What is the representation of $\zeta$?

11. What is the representation of $\eta$?

12. What is the representation of $\theta$?

13. What is the representation of $\varphi$?

14. What is the representation of $\psi$?

15. What is the representation of $\chi$?

16. What is the representation of $\lambda$?

17. What is the representation of $\mu$?

18. What is the representation of $\nu$?

19. What is the representation of $\xi$?

20. What is the representation of $\omicron$?

21. What is the representation of $\pi$?

22. What is the representation of $\rho$?

23. What is the representation of $\sigma$?

24. What is the representation of $\tau$?

25. What is the representation of $\upsilon$?

26. What is the representation of $\phi$?

27. What is the representation of $\chi$?

28. What is the representation of $\psi$?

29. What is the representation of $\omega$?

30. What is the representation of $\alpha'$?

31. What is the representation of $\beta'$?

32. What is the representation of $\gamma'$?

33. What is the representation of $\delta'$?

34. What is the representation of $\epsilon'$?

35. What is the representation of $\zeta'$?

36. What is the representation of $\eta'$?

37. What is the representation of $\theta'$?

38. What is the representation of $\varphi'$?

39. What is the representation of $\psi'$?

40. What is the representation of $\chi'$?

41. What is the representation of $\lambda'$?

42. What is the representation of $\mu'$?

43. What is the representation of $\nu'$?

44. What is the representation of $\xi'$?

45. What is the representation of $\omicron'$?

46. What is the representation of $\pi'$?

47. What is the representation of $\rho'$?

48. What is the representation of $\sigma'$?

49. What is the representation of $\tau'$?

50. What is the representation of $\upsilon'$?