STEM NOTES

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Mathematics 1

Physics 10

Computer Science 18

Mathematics

Part 1. Calc III

Part 2. Linear Algebra

Part 3. Differential Equations

Part 4. Partial Differential Equations

Part 5. **Discrete**

Part 6. Complex Variables

Part 7. Real Analysis I

Part 8. Real Analysis II

Physics

Part 9. Motion

Part 10. **Waves and Matter**

Part 11. **Electromagnetism**

Part 12. **Thermo/Stats Mechanics**

Part 13. Computational Physics

Part 14. Quantum Mechanics

Part 15. Adv Electricity/Magnetism

Computer Science

Part 16. Theory of Computation

Part 17. Computer Graphics

Part 18. Adv Computer Graphics

Part 19. Computer Architecture

Part 20. **AI and Machine Learning**