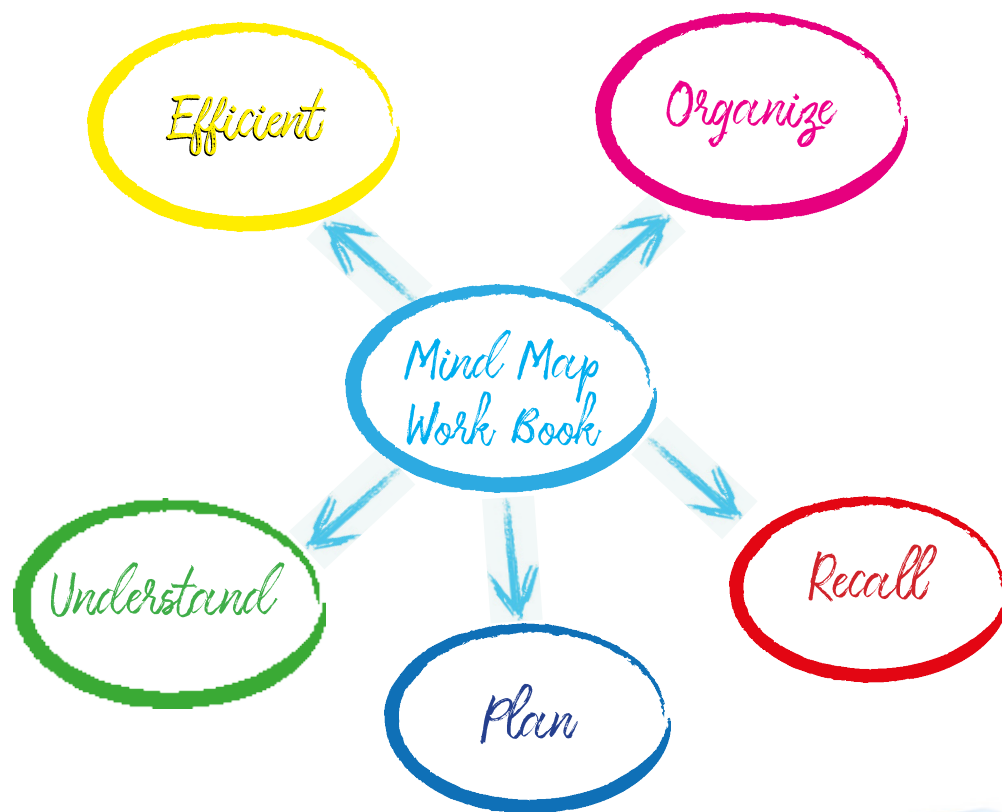
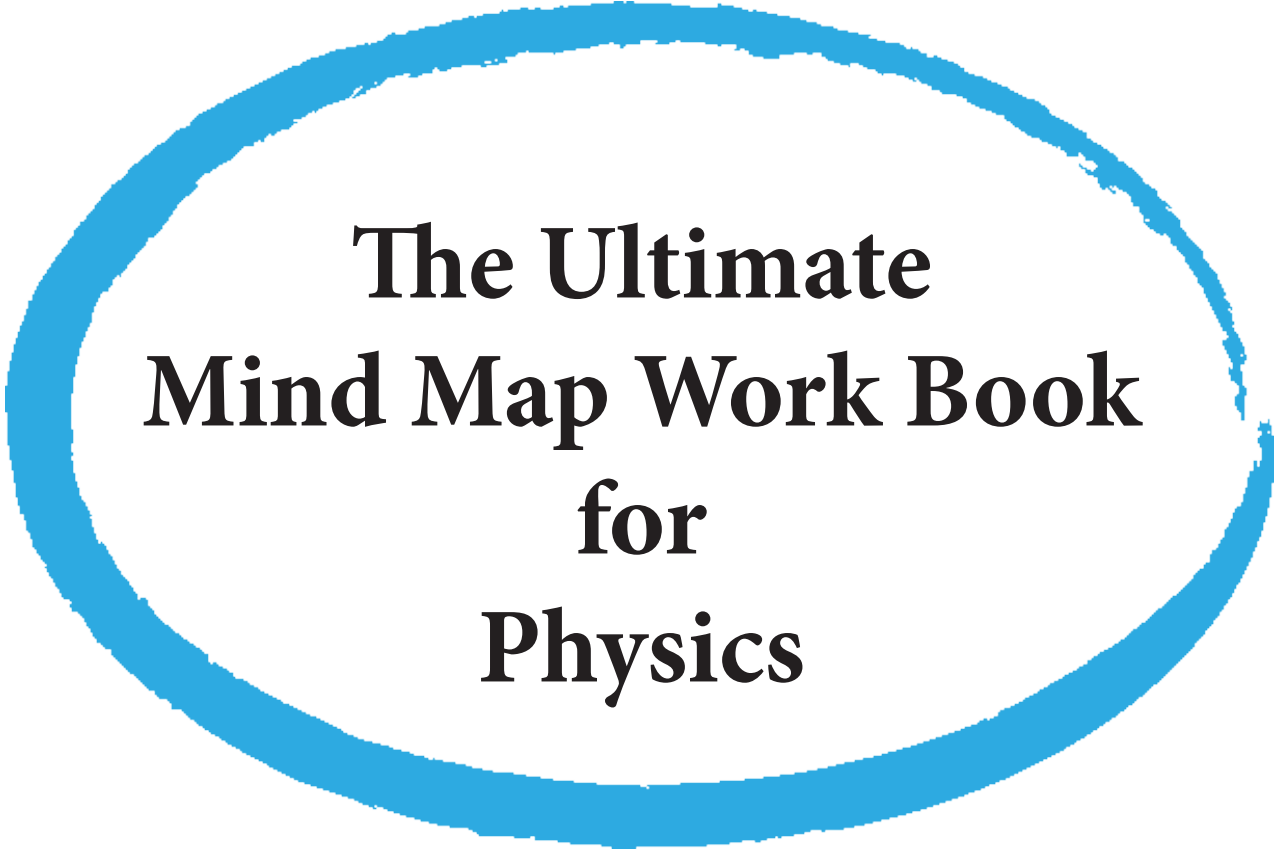


THE ULTIMATE MIND MAP WORK BOOK for **Physics**



DEVENNDRA CHAANDRAKAR



**The Ultimate
Mind Map Work Book
for
Physics**

Preface

Mind mapping will bring you in the league of great geniuses like Leonardo da Vinci, Michelangelo, Charles Darwin, Sir Isaac Newton, Albert Einstein, Thomas Edison, Richard Feynman, Mary Curie, etc., who used the major elements of the Mind Map guidelines to make their thoughts visible, and thus to help them and mankind make great leaps in understanding the laws of nature.

GUIDED Mind Map is an important tool for building concept and last-minute revision for the competitive exam

- It is a graphical way to represent concepts.
- It helps in structuring information and improves the logical analysis
- It helps in cementing the concept and improves the visualization skill

This book is intended as work book for students in their high school and preparing for competitive exams like IITJEE, NEET (at national level) and other state level exams.

The work book contains 34 mind maps which are exhaustive and will help the students to recall the chapter. Mind Maps in the given book is designed while keeping in the view the conceptual aspect of learning. Key concept has been explained in simple flow chart. Topics and sub-topics were chosen based on their relative importance in IITJEE and NEET. Each Mind Map is having a video lesson explaining the key concepts.

How to Study Mind Map in the given work book?

1. Learn the concept from the text book
2. Recap the concept along with the Mind Maps of the relevant chapters
3. Watch the video lesson given for each Mind map along with the relevant mind map to strengthen your learning.

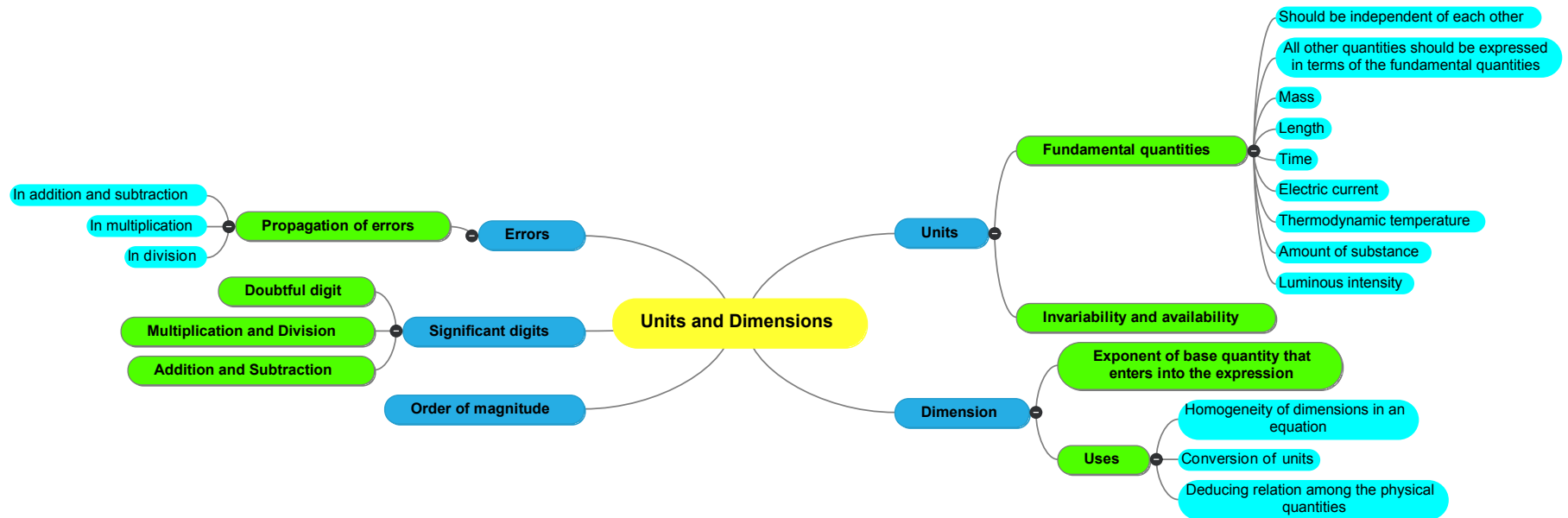
Share your Feedbacks and suggestions at devendrachaandrakar@gmail.com. It will help me to bring the necessary changes for the benefit of the students.

Devenndra Chaandrakar

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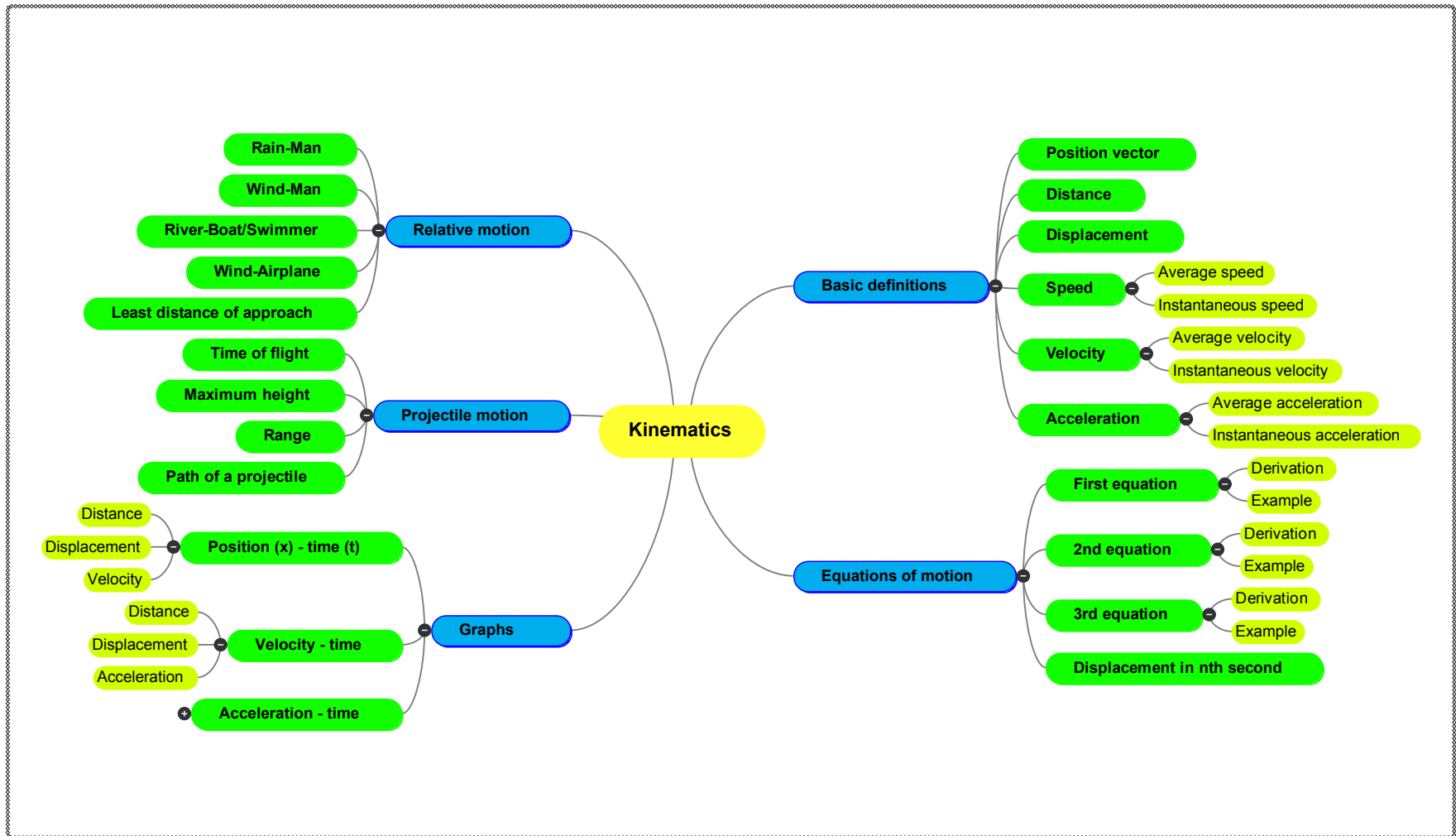
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Units and Dimension



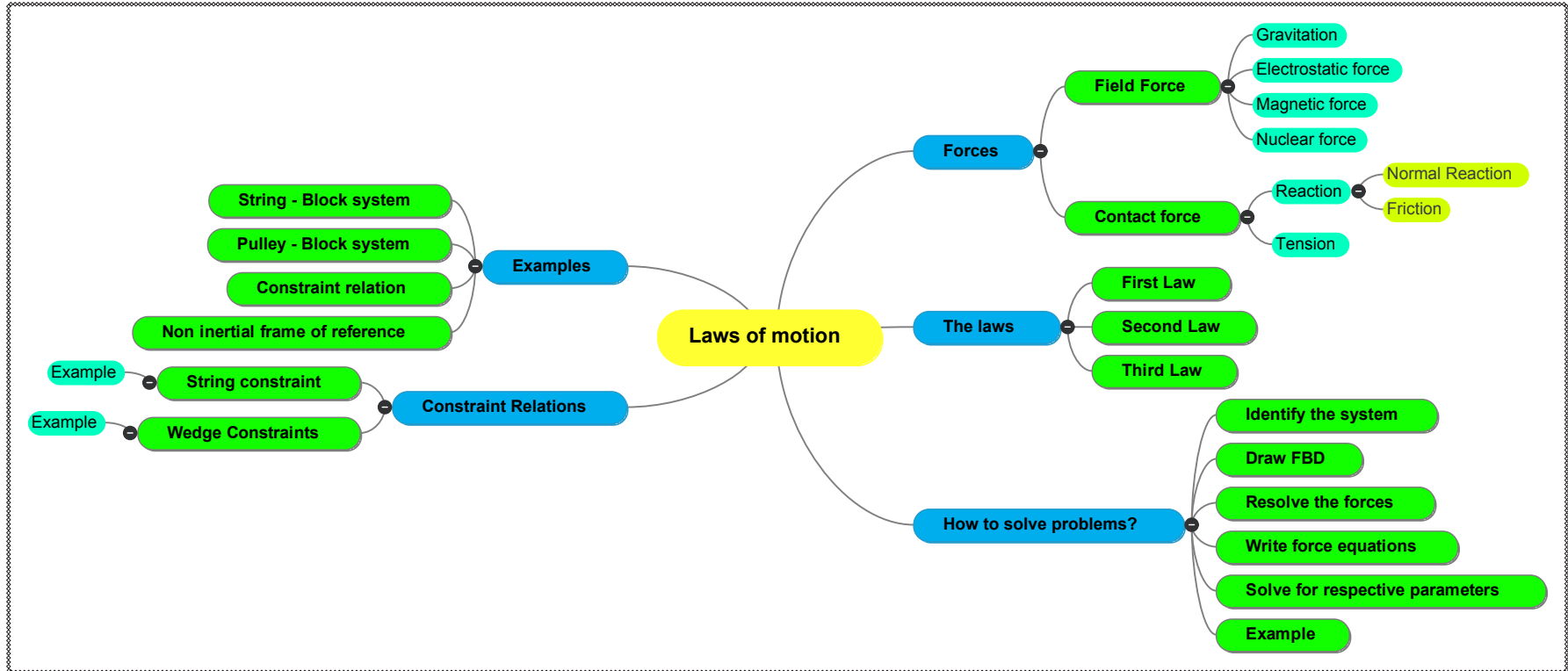
Units and Dimension Formula Practice Page

Kinematics



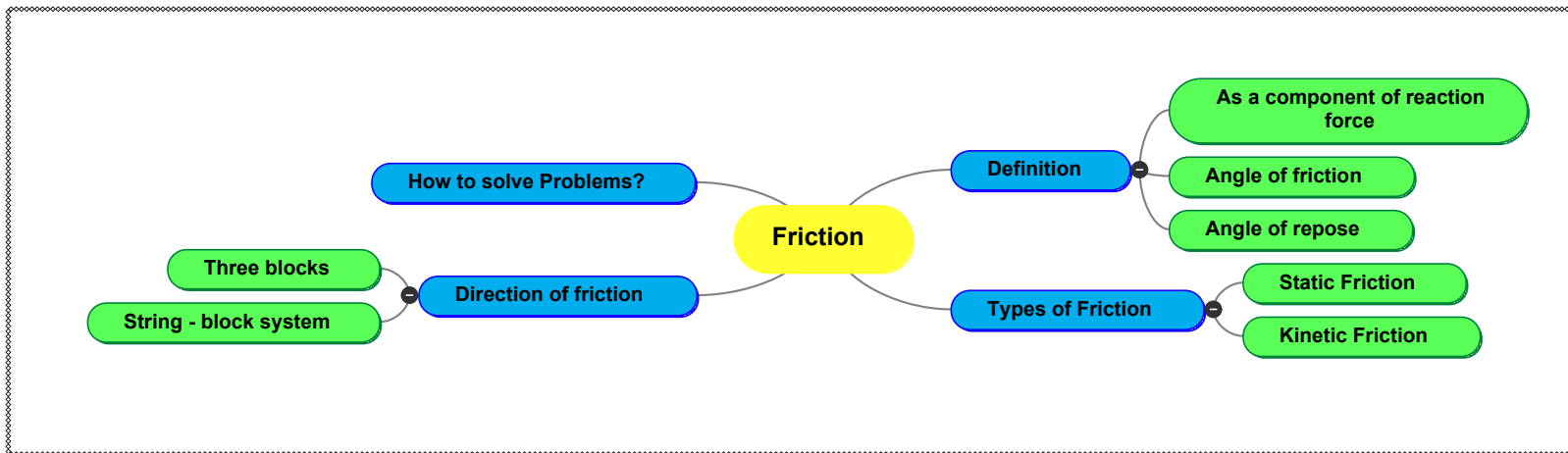
Kinematics Formula Practice Page

Laws of Motion



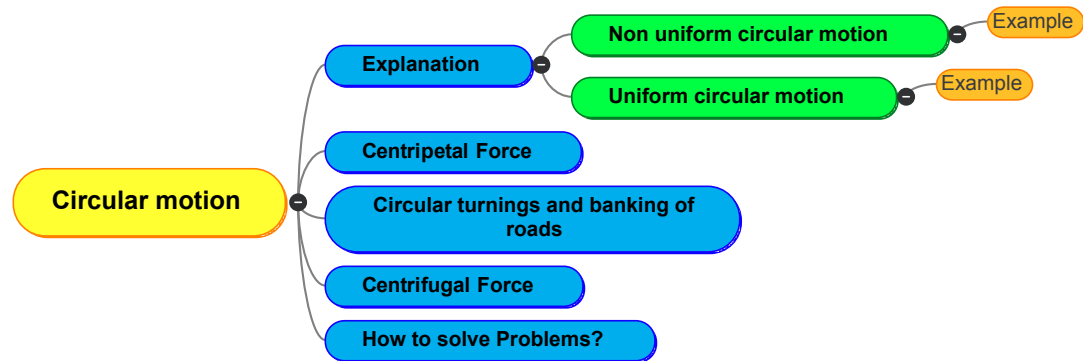
Laws of Motion Formula Practice Page

Friction



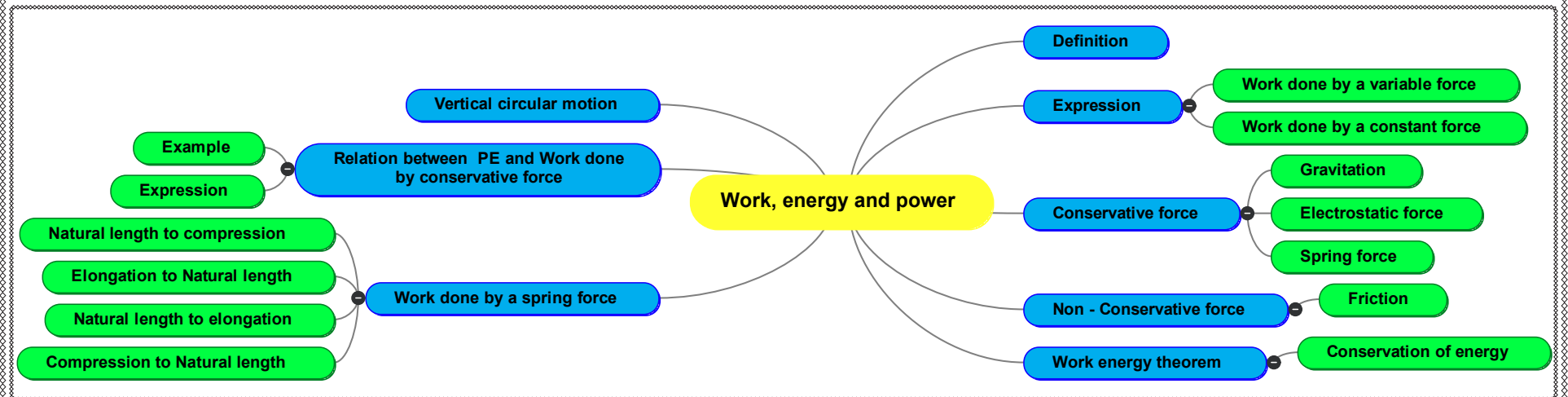
Friction Formula Practice Page

Circular Motion



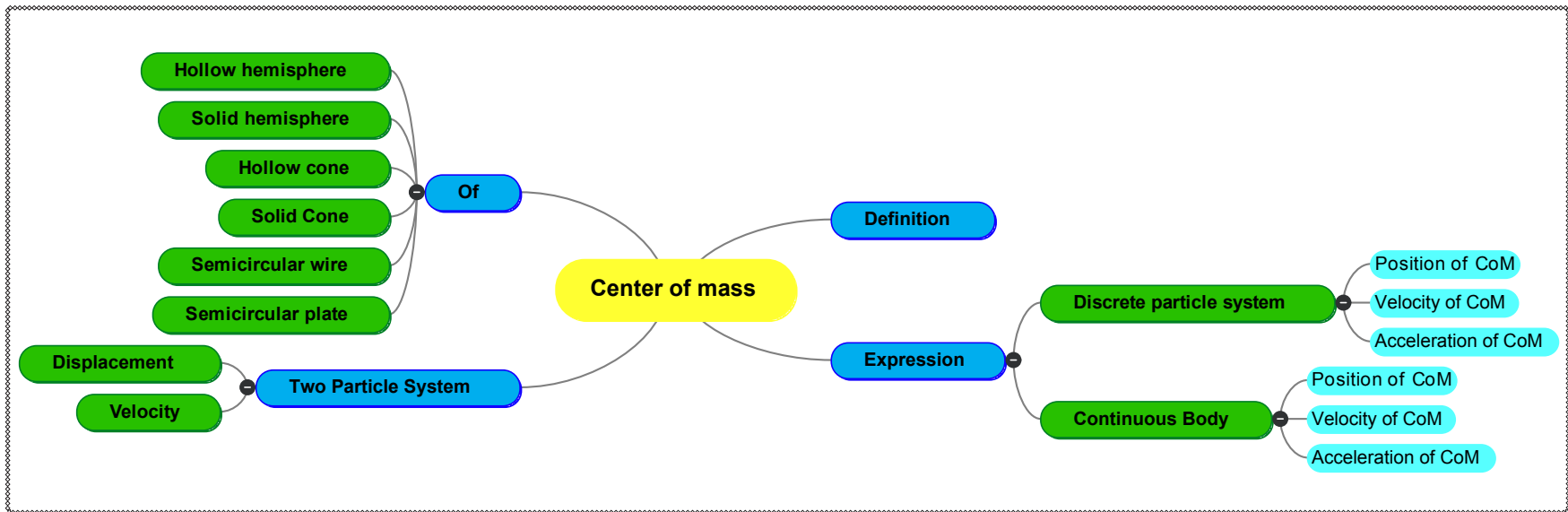
Circular Motion Formula Practice Page

Work, Energy and Power



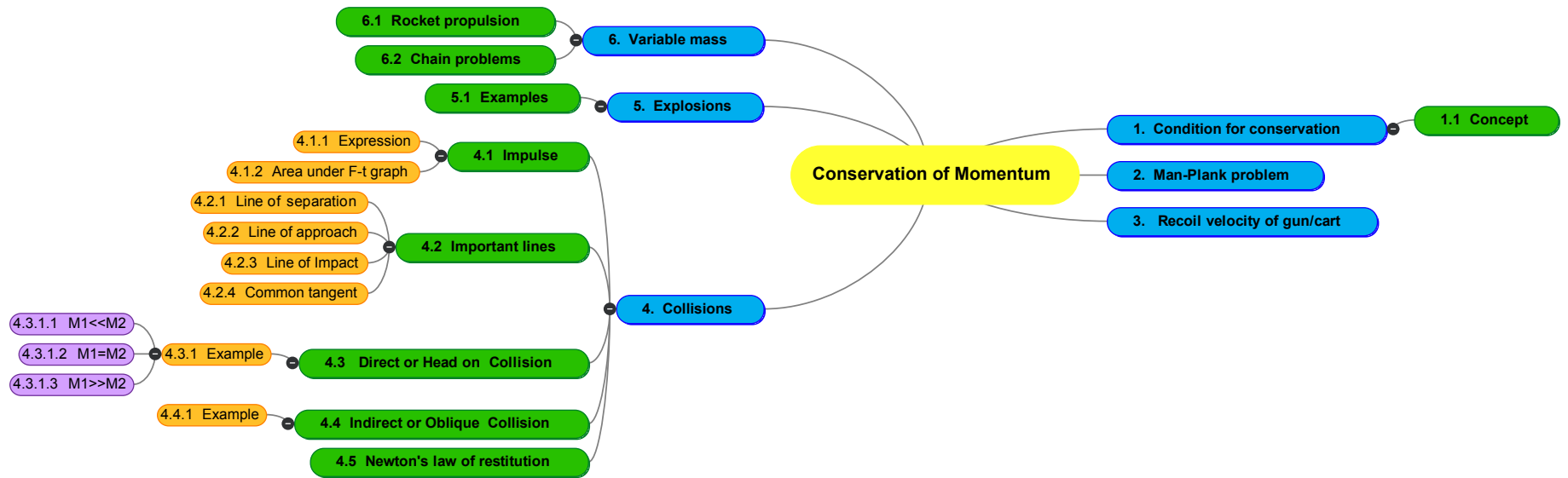
Work, Energy and Power Formula Practice Page

Center of Mass



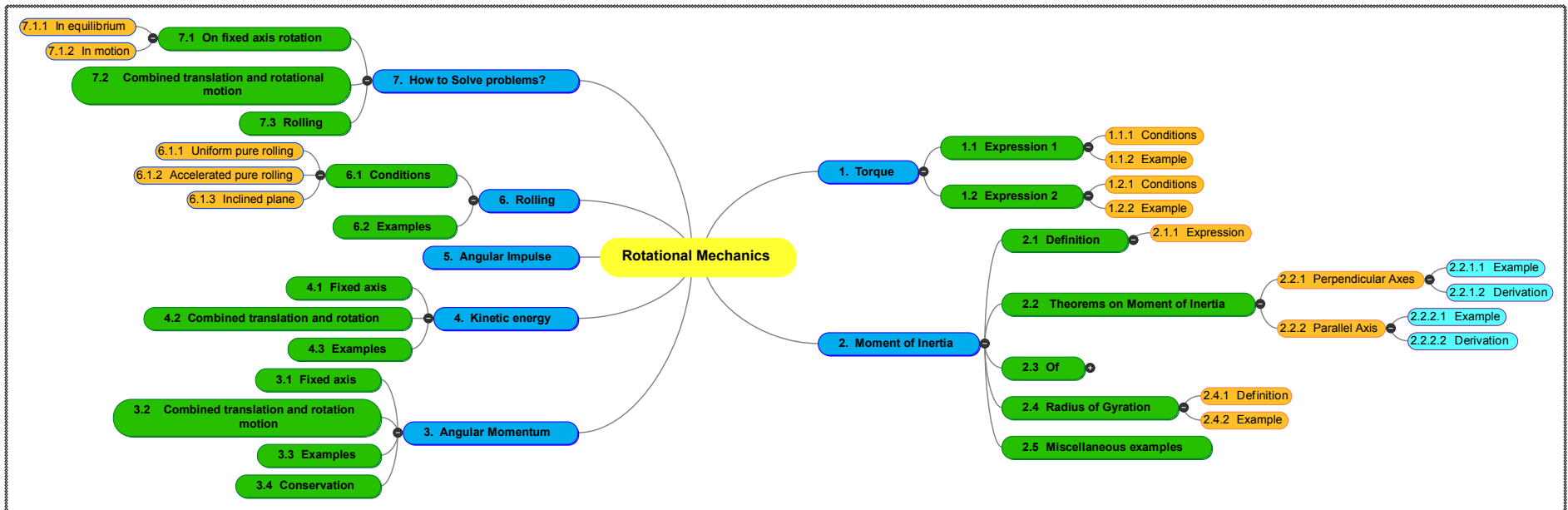
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Conservation of Momentum



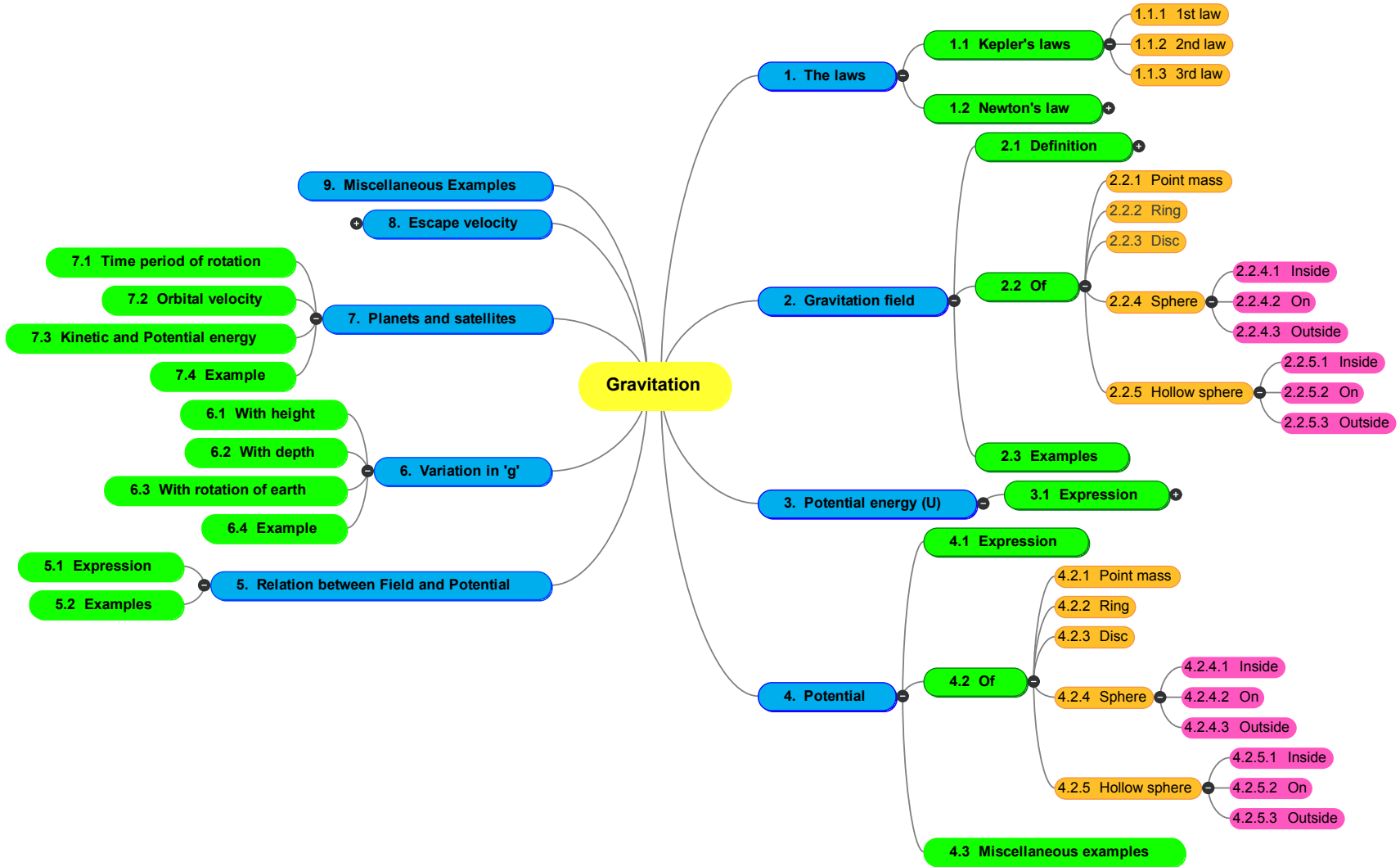
Conservation of Momentum Formula Practice Page

Rotational Mechanics



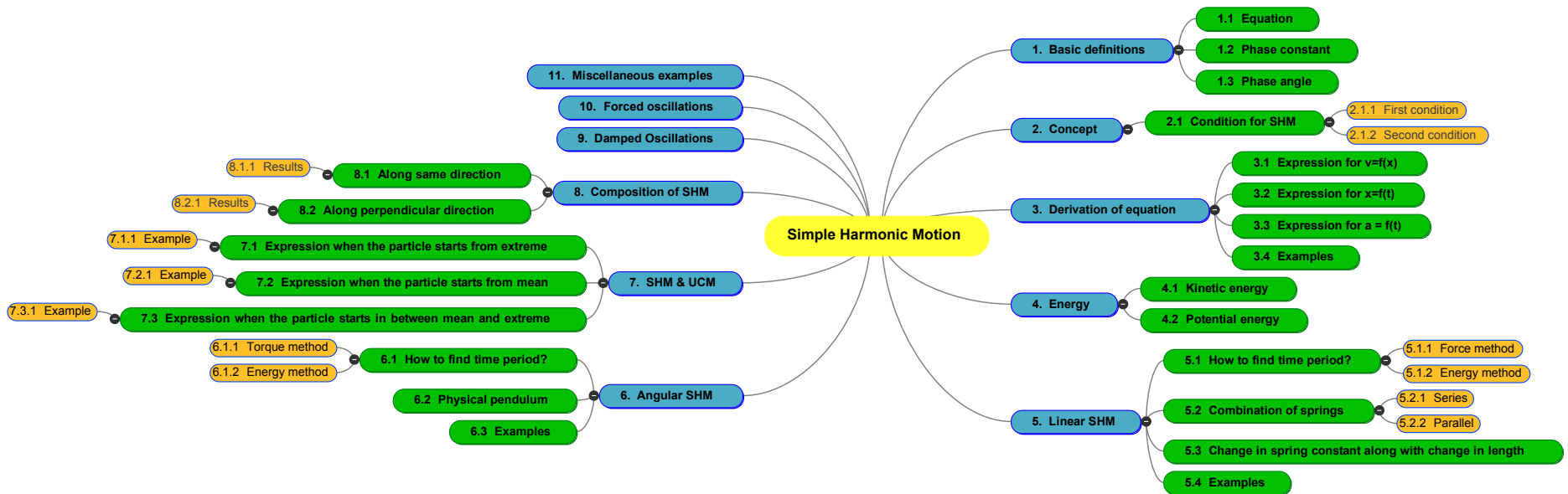
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Gravitation



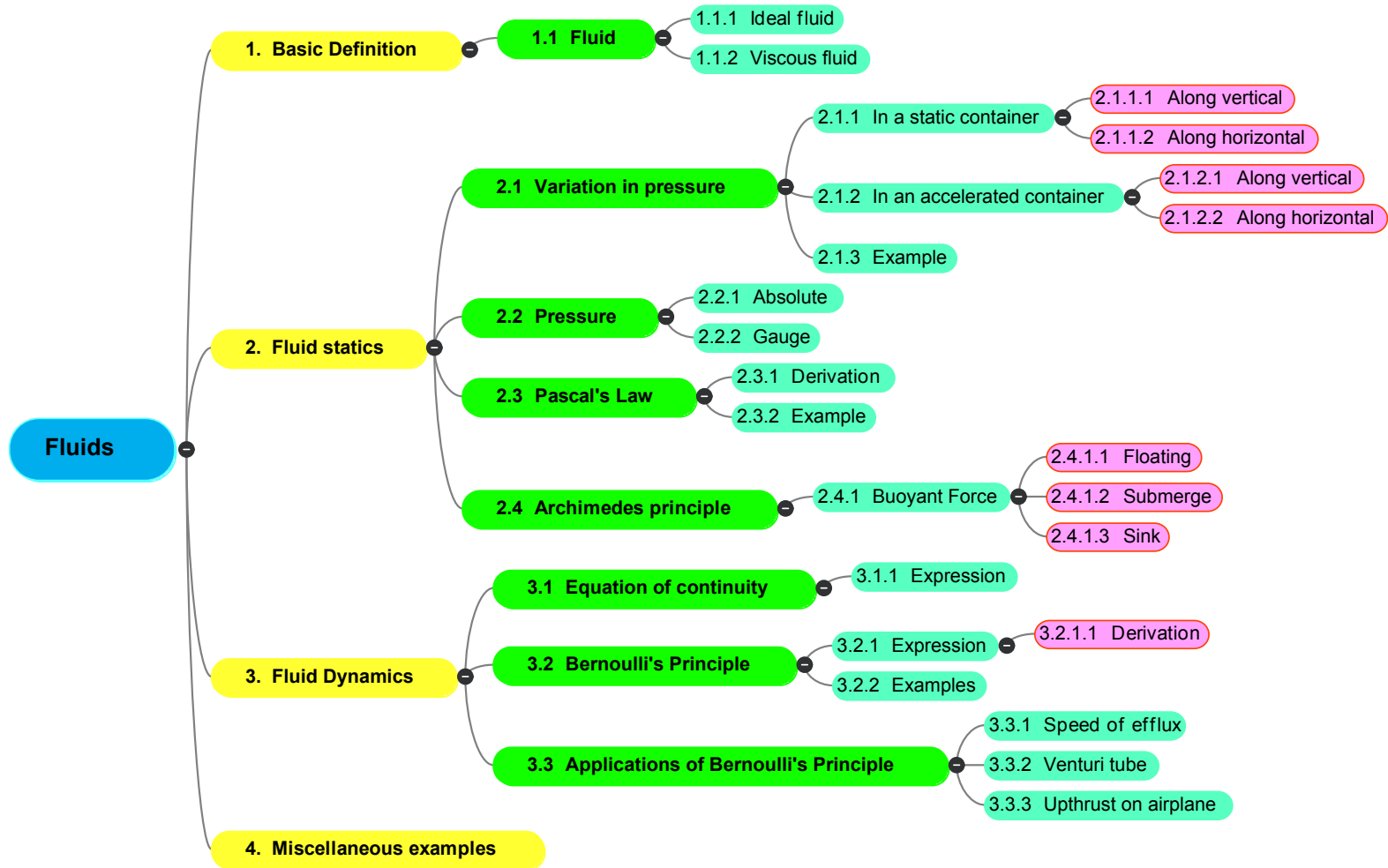
Gravitation Formula Practice Page

Simple Harmonic Motion



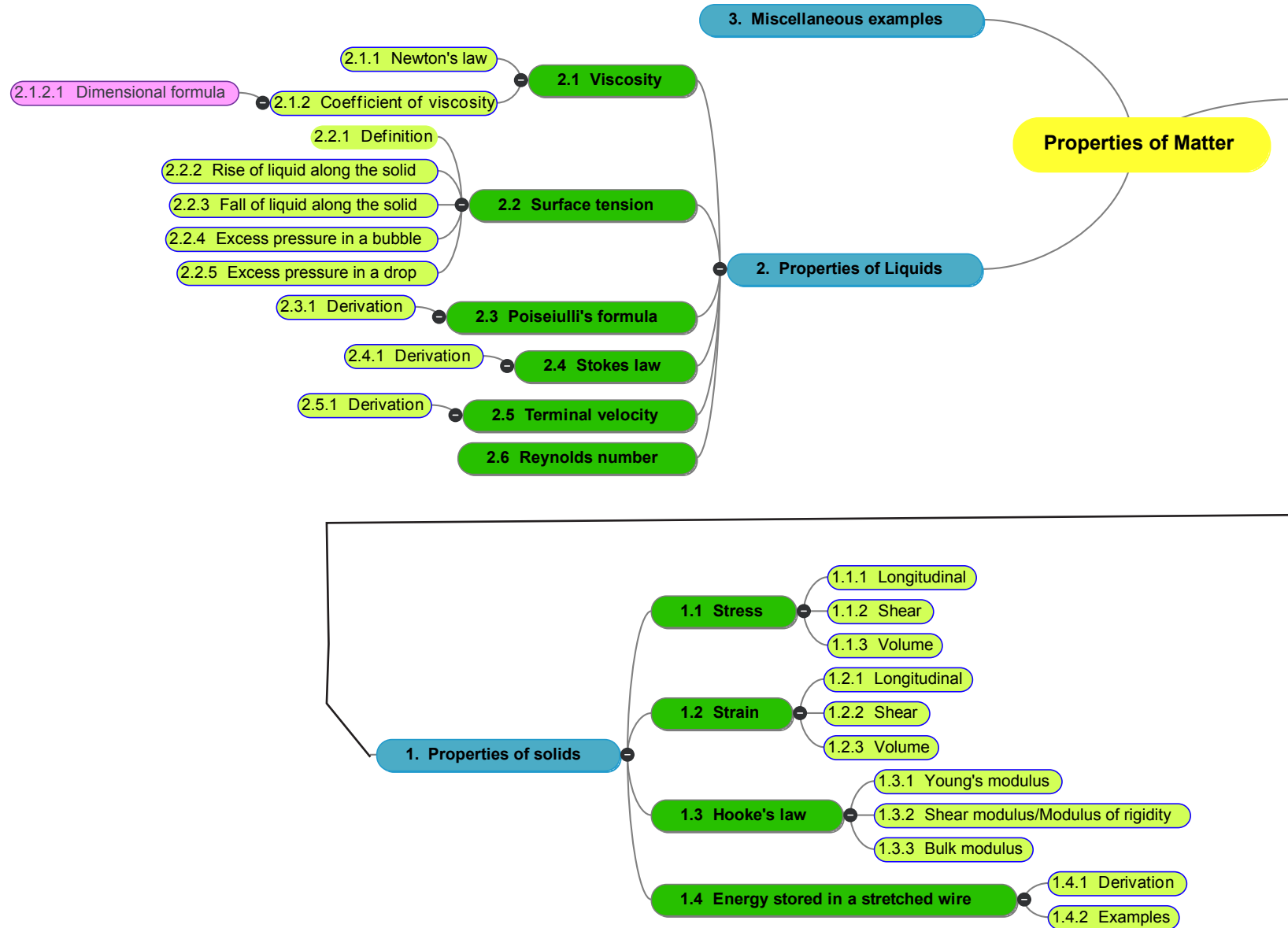
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Fluids



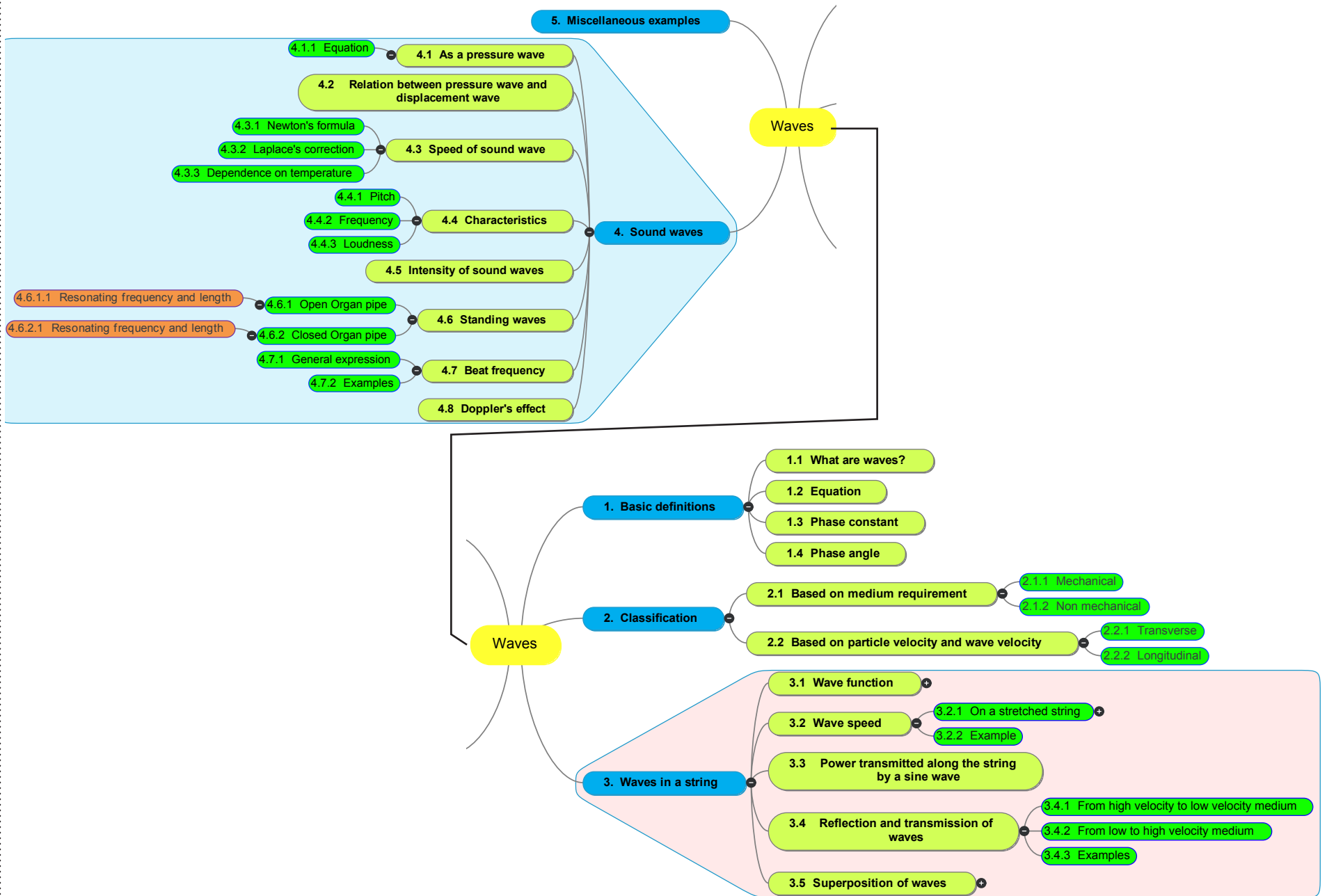
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Properties of Matter



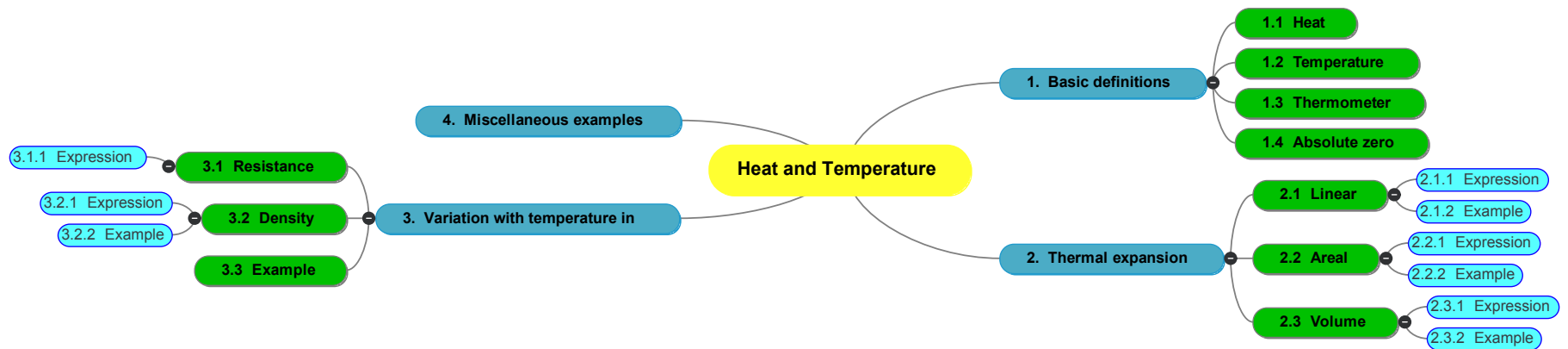
Properties of Matter Formula Practice Page

Waves



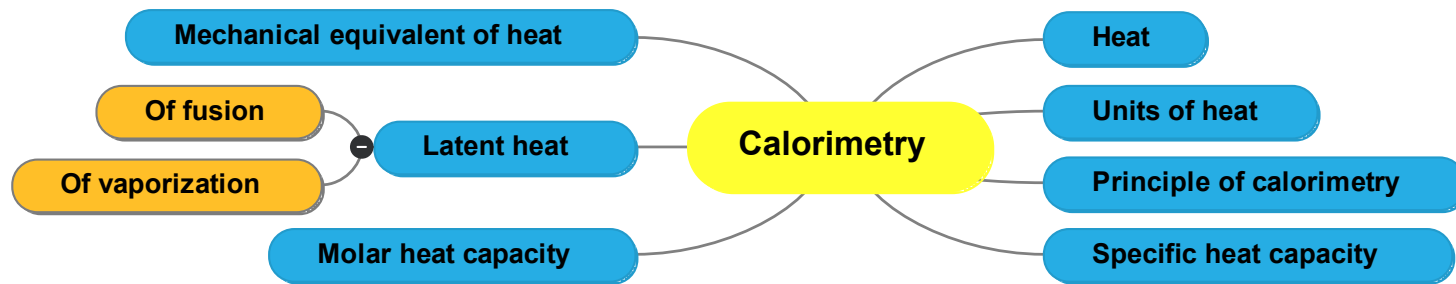
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Heat and Temperature



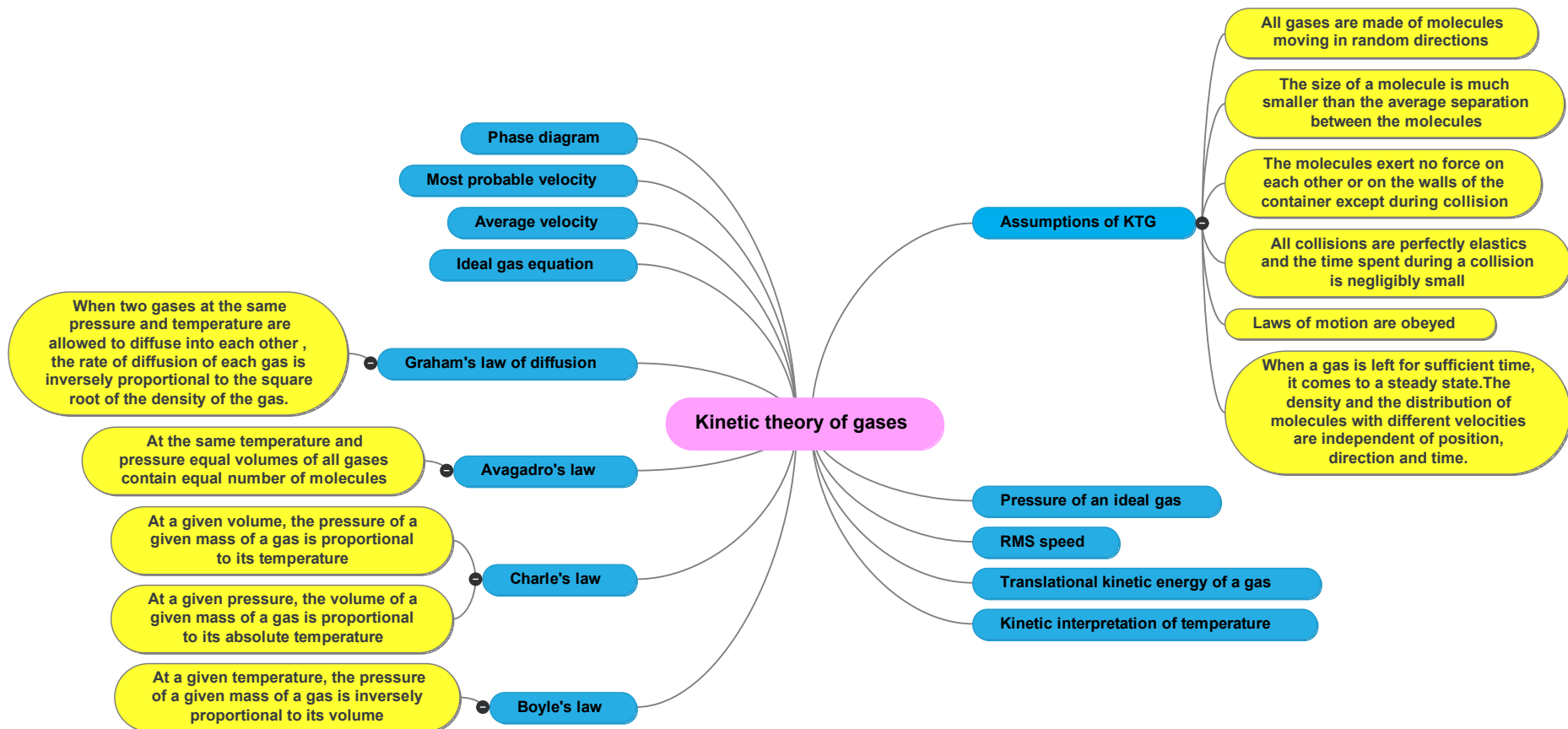
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Calorimetry



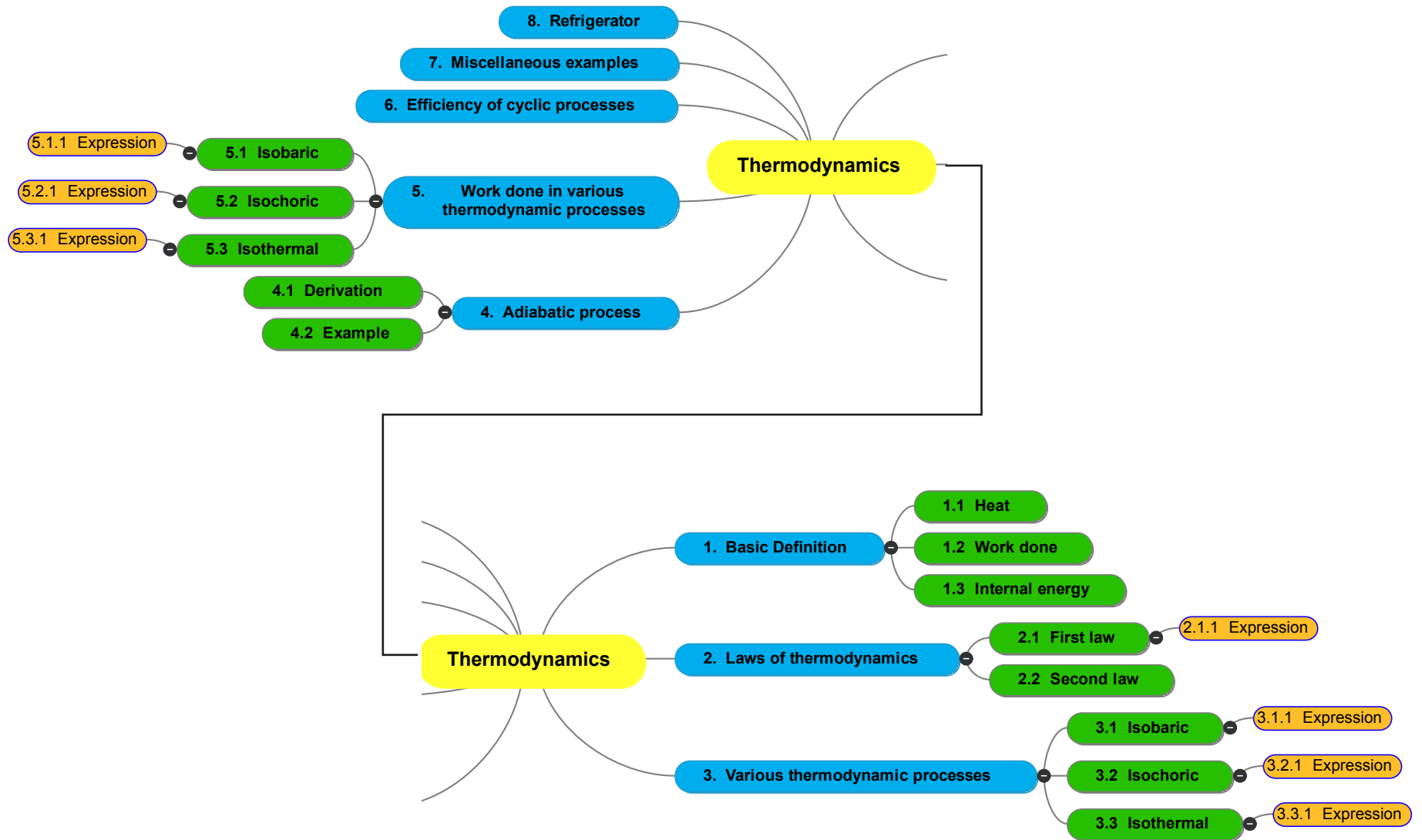
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Kinetic Theory of Gases



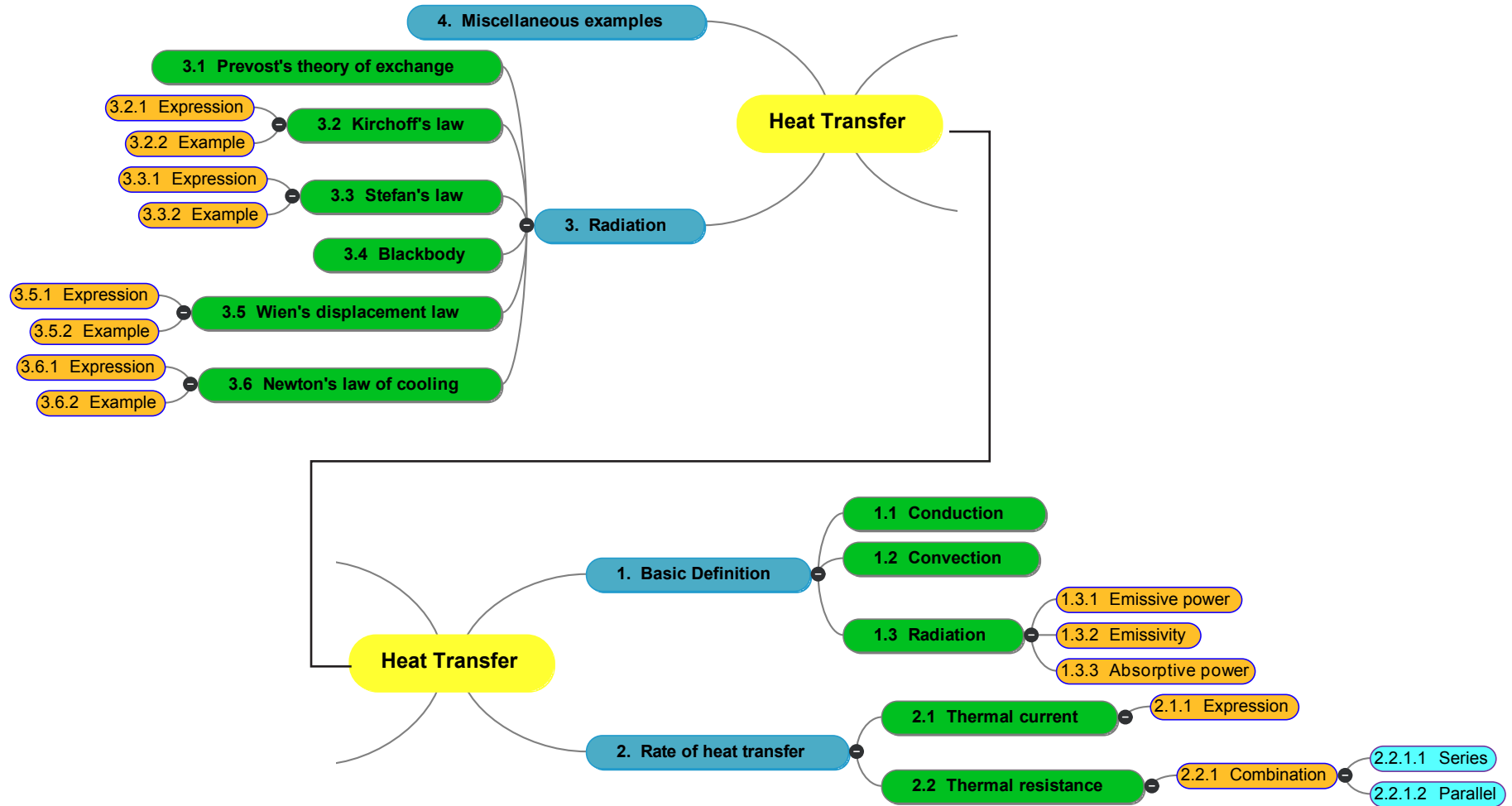
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Thermodynamics



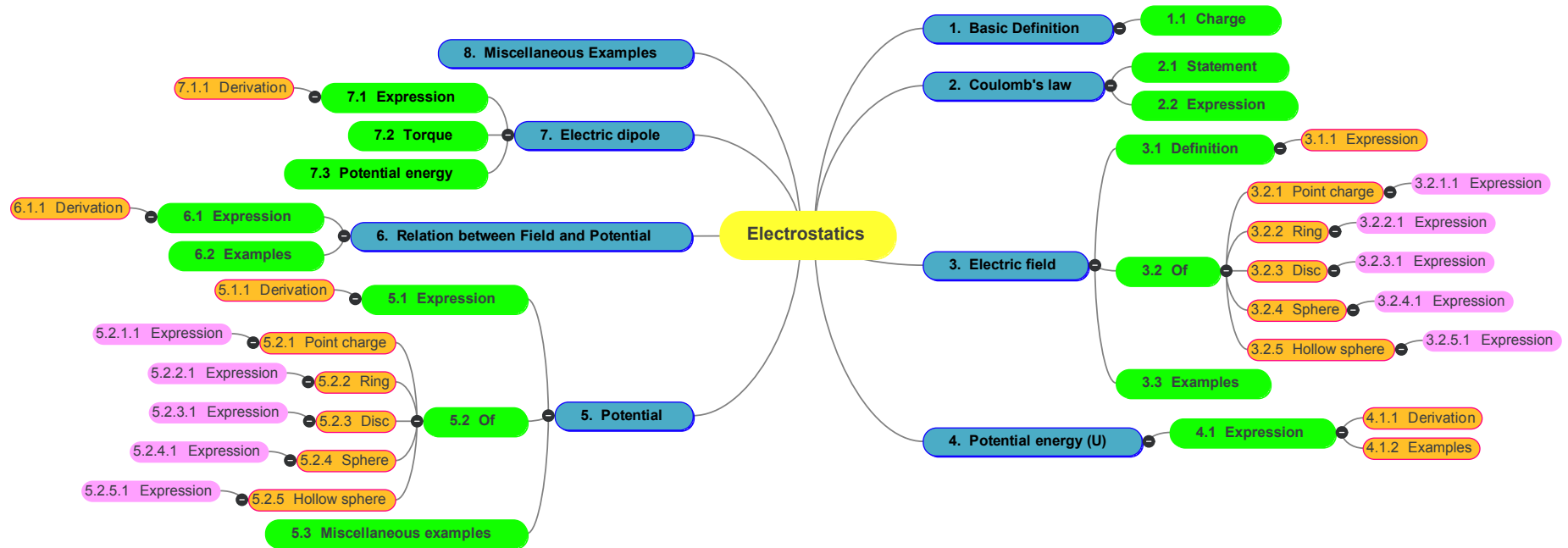
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Heat Transfer



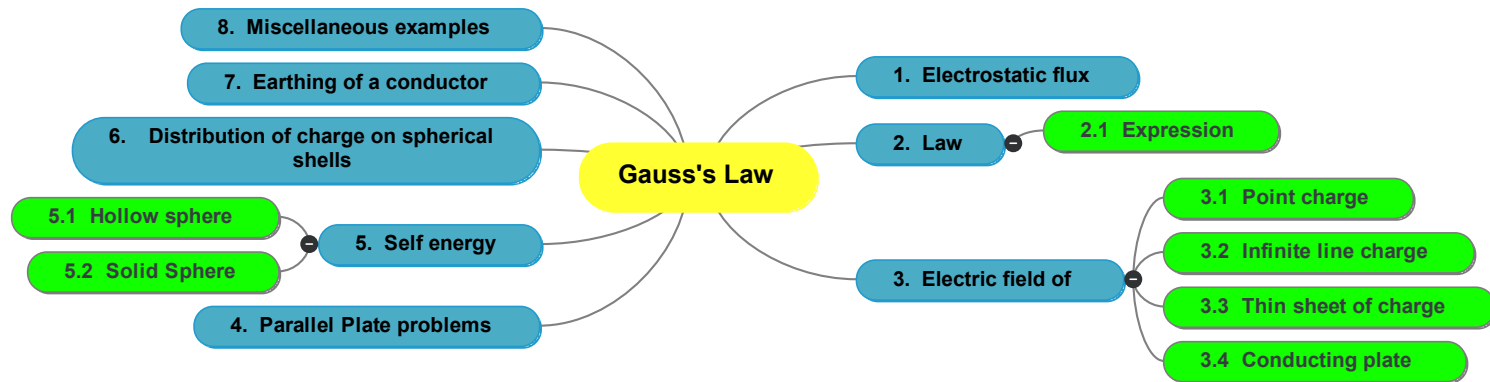
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Electrostatics



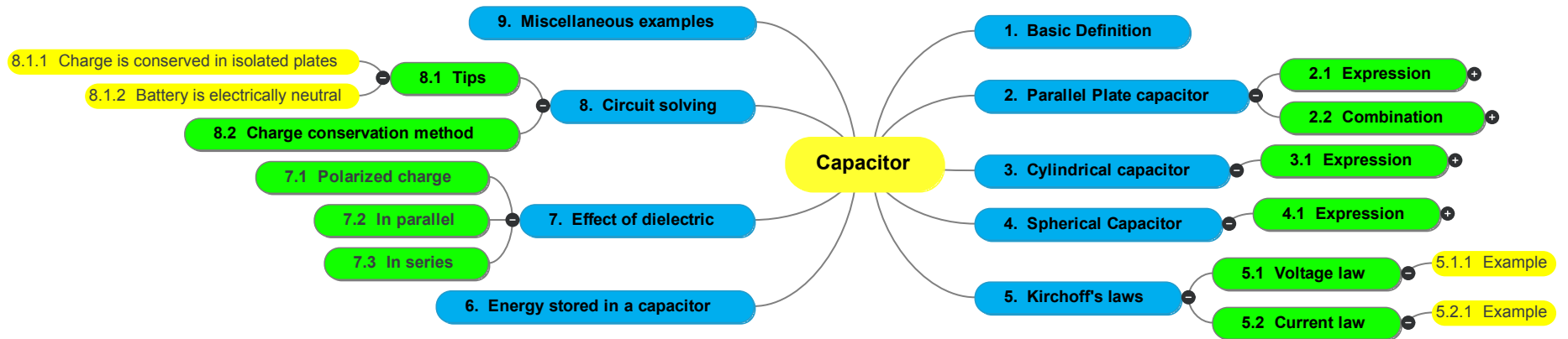
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Gauss's Law Formula Practice Page



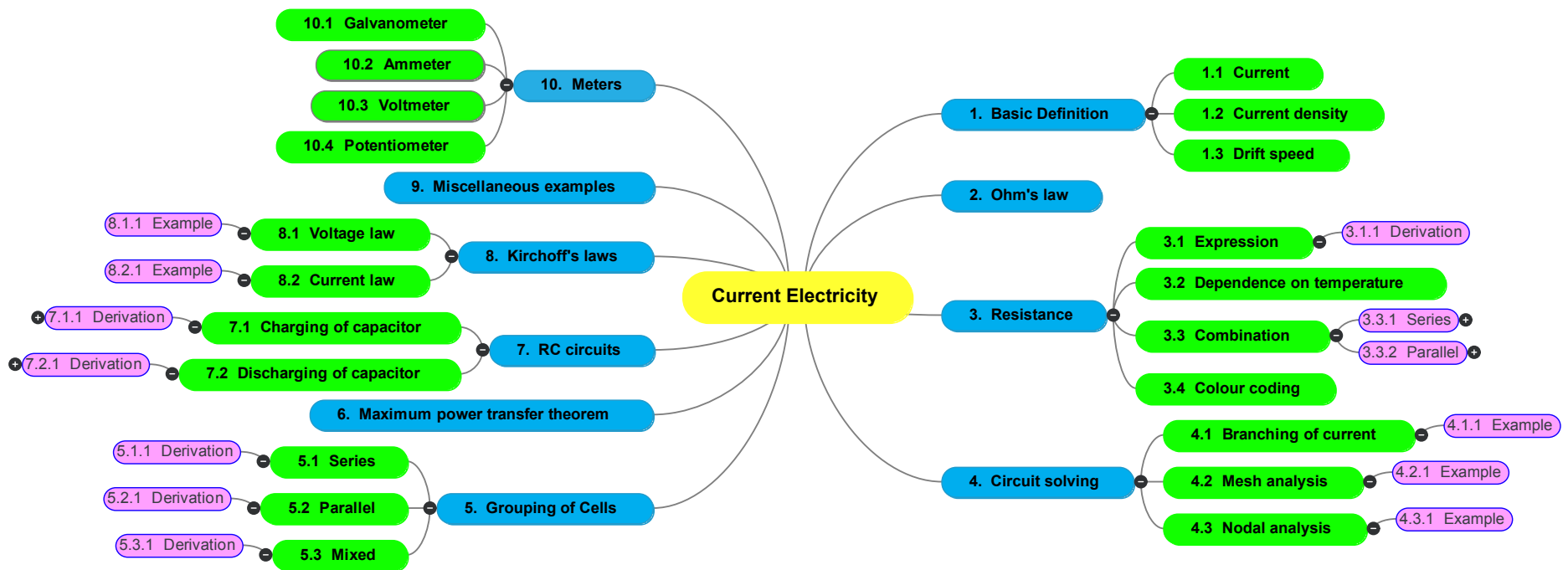
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Capacitors



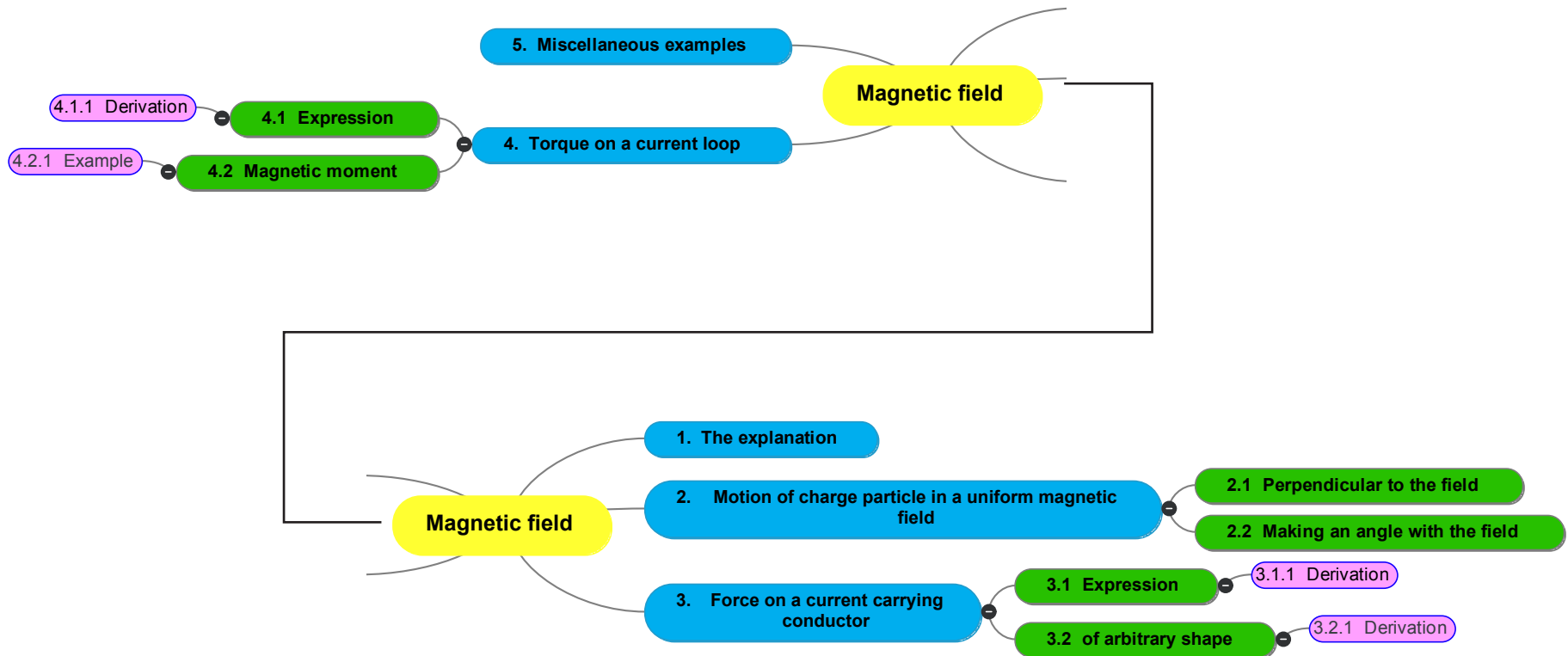
Capacitors Formula Practice Page

Current Electricity



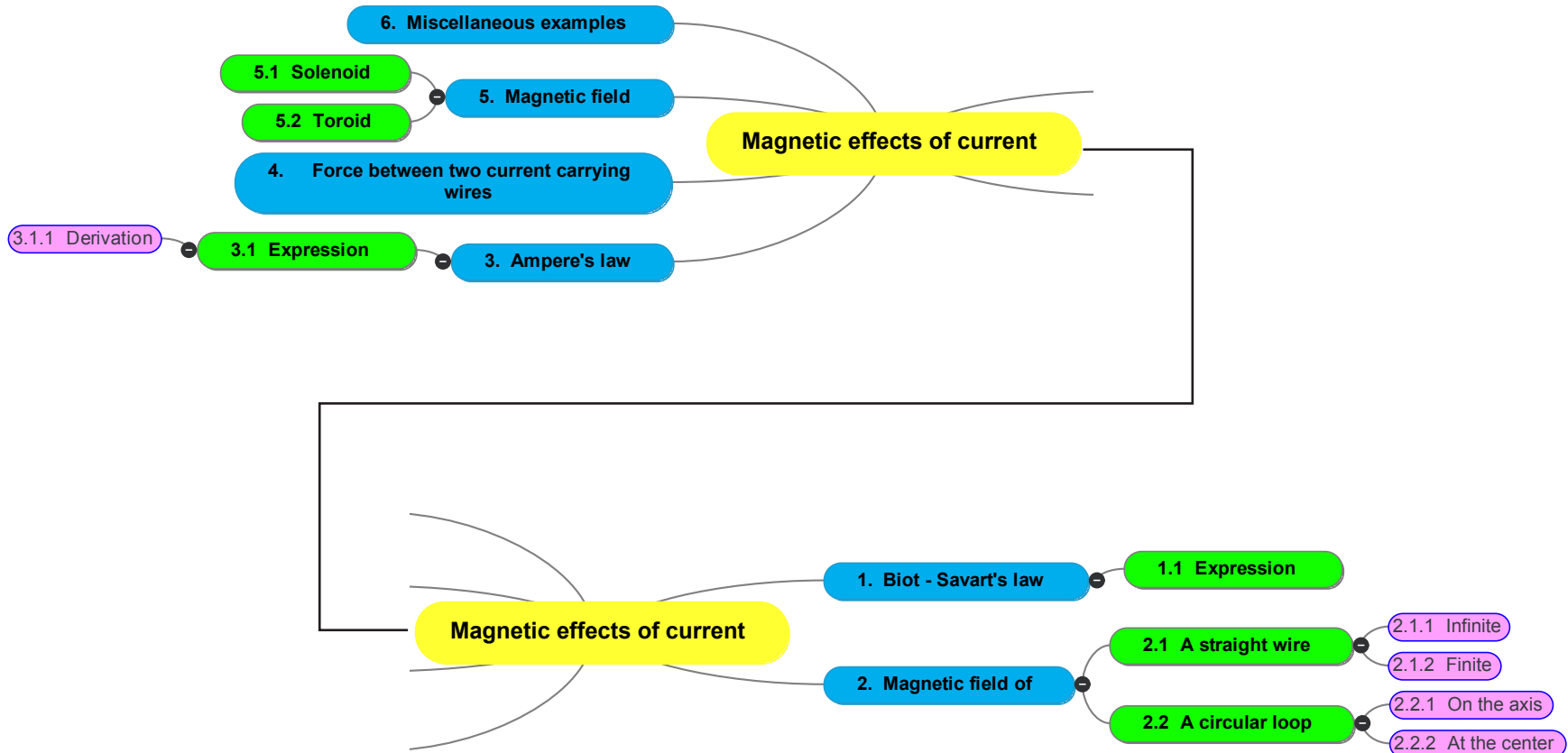
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Magnetic Field



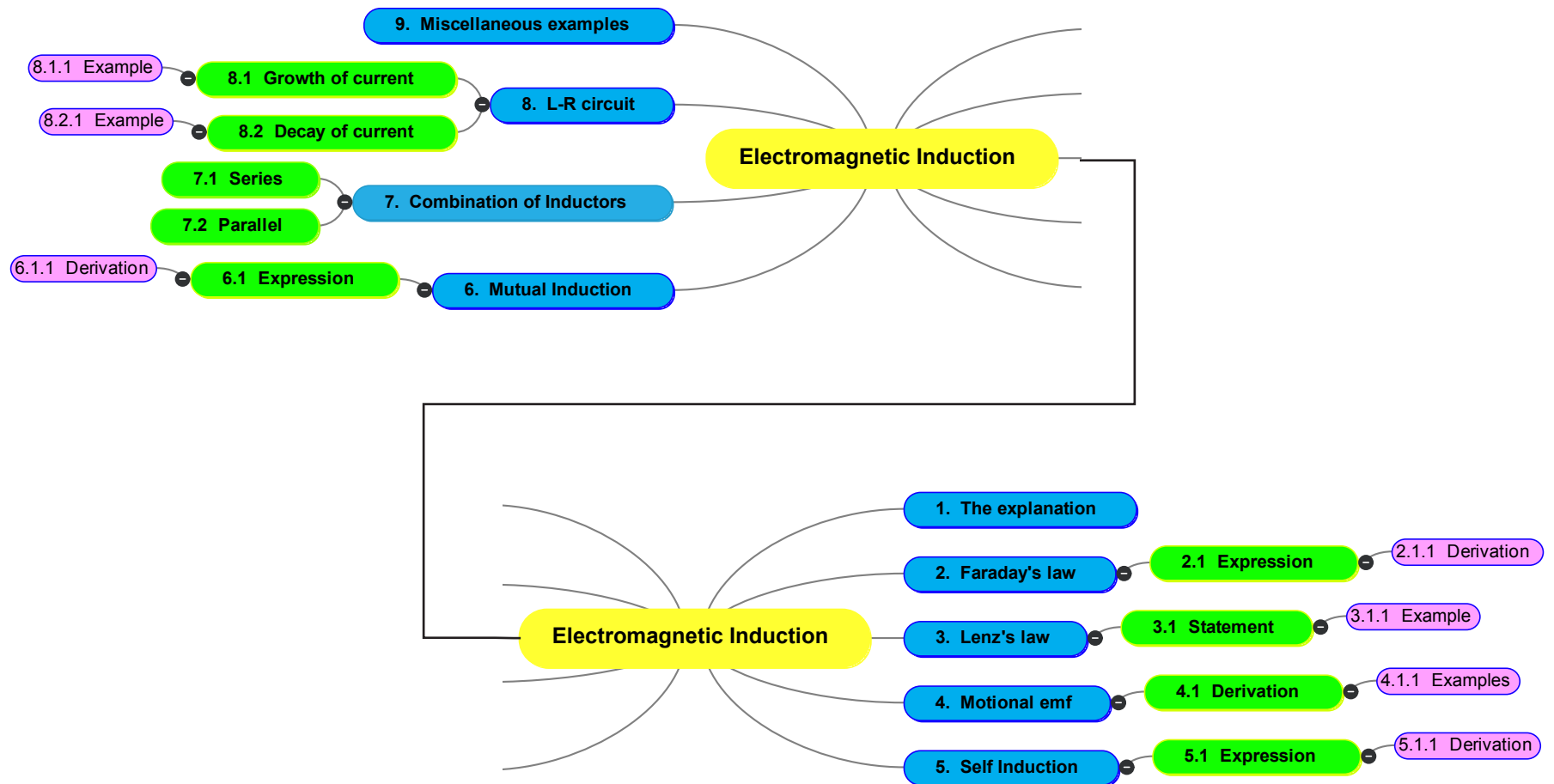
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Magnetic Effects of Current



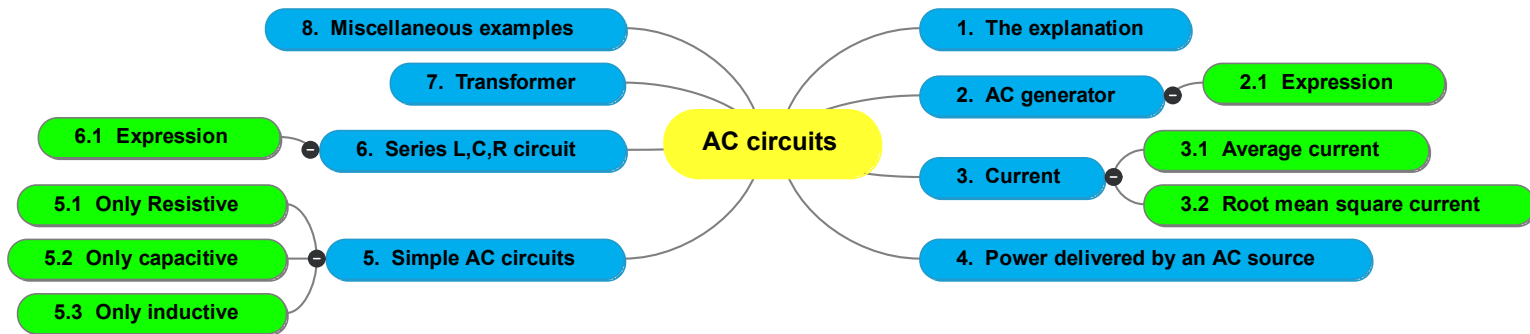
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Electromagnetic Induction



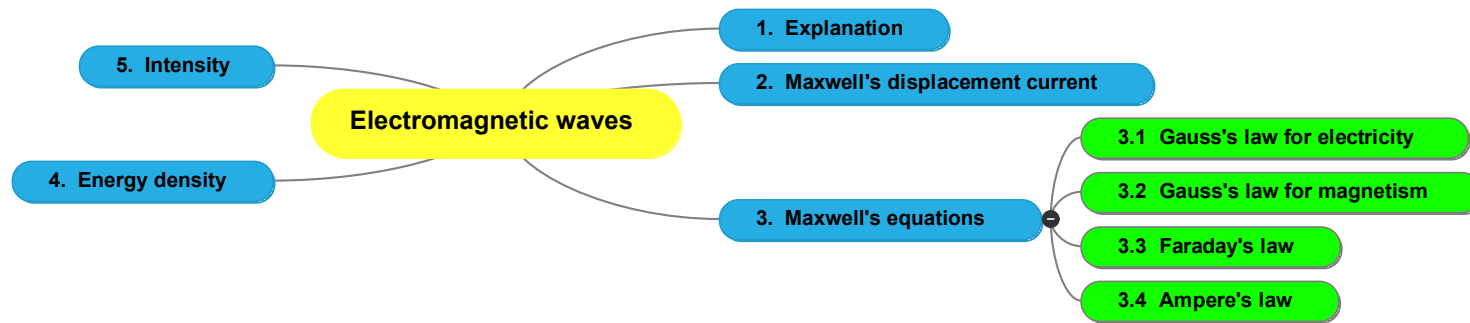
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AC Circuit



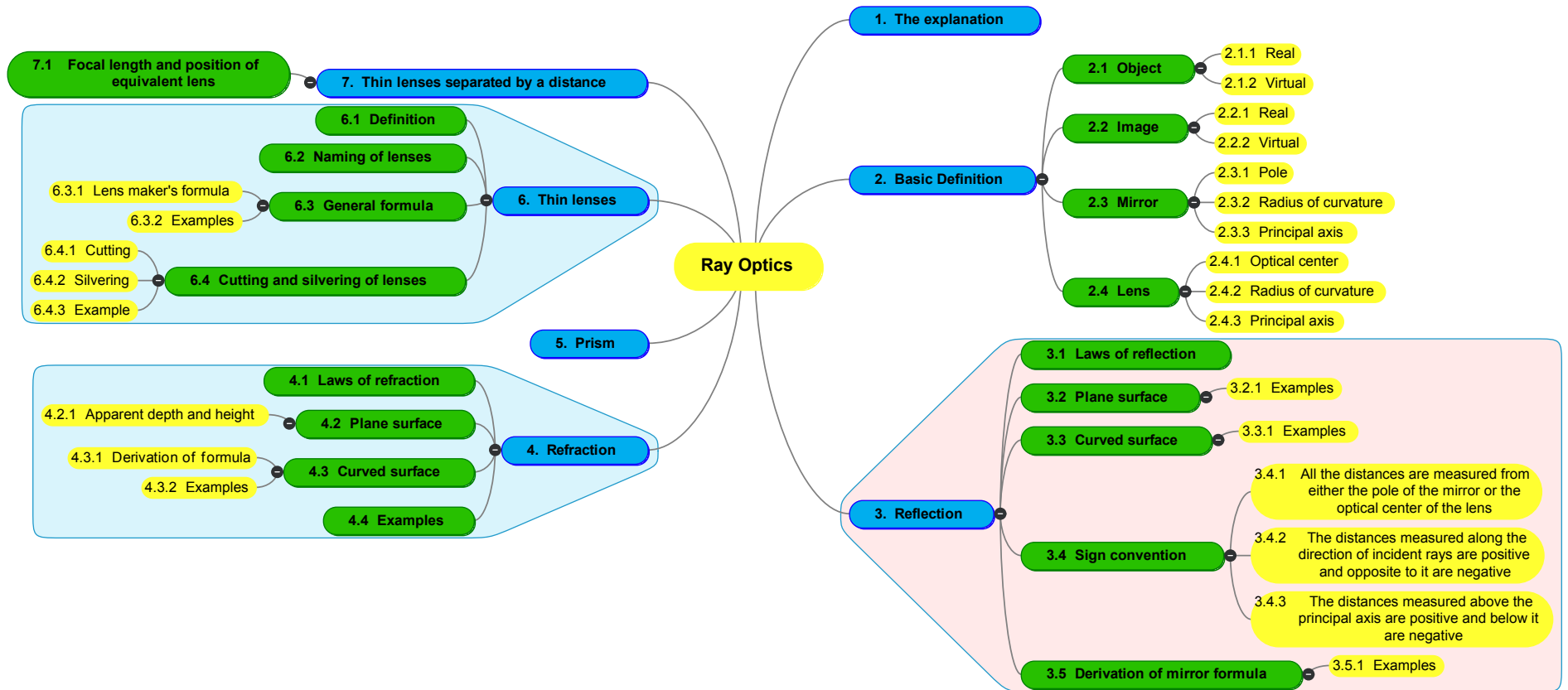
AC Circuit Formula Practice Page

EM Waves



EM Waves Formula Practice Page

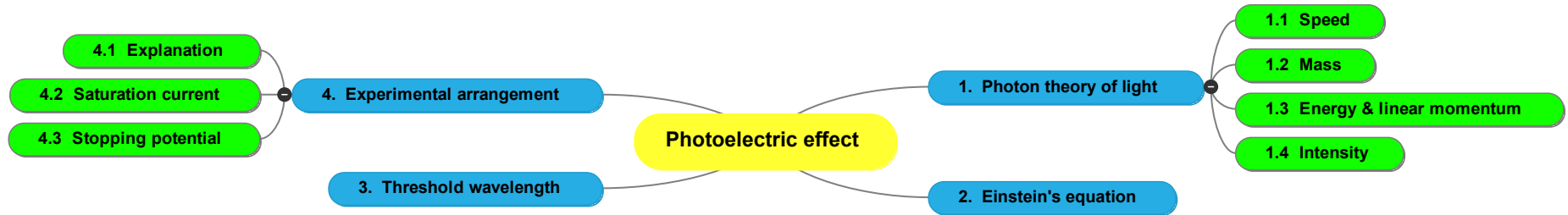
Ray Optics



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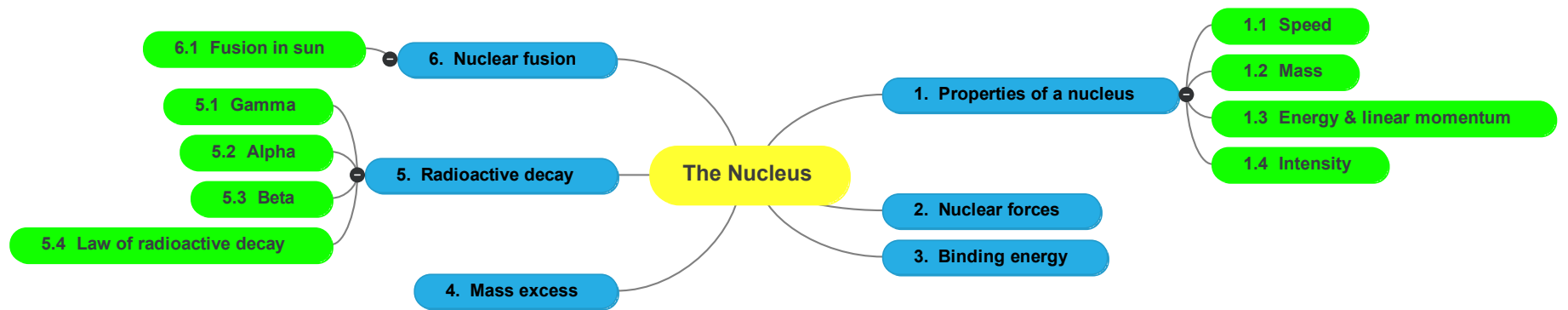
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Photoelectric Effect



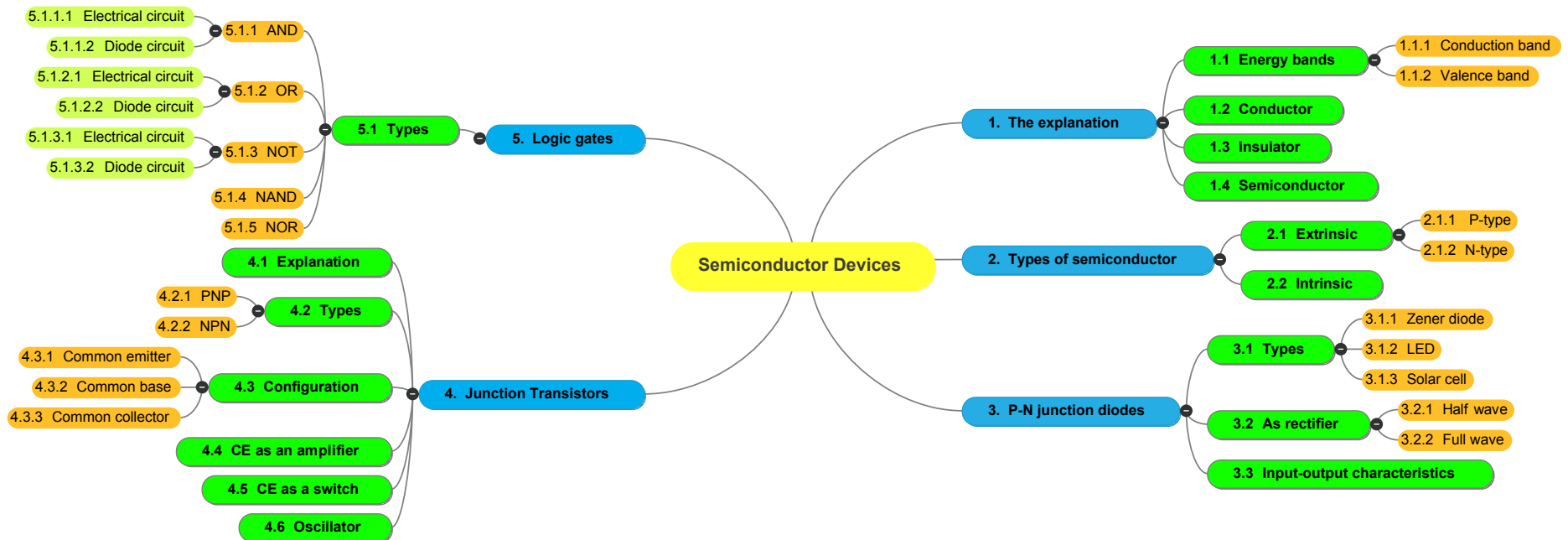
Photoelectric Effect Formula Practice Page

Nucleus



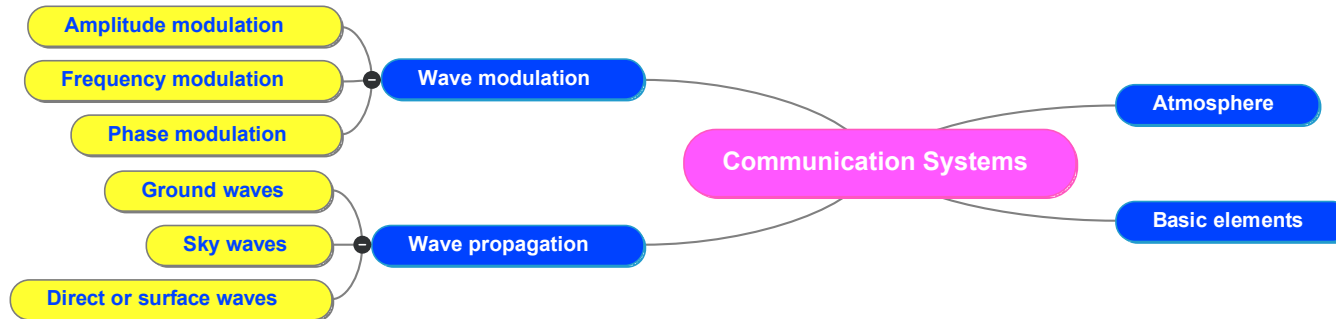
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Semiconductors



Semiconductors Formula Practice Page

Communication Systems



Communication Systems Formula Practice Page

The End