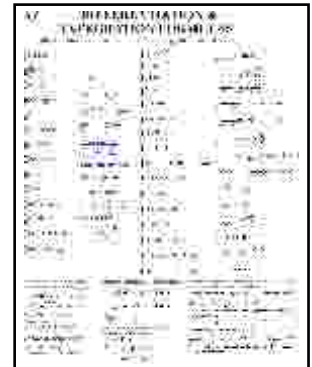


## Mathematics

**Size 50x 65 cms. Laminated and Attached with Durable Strips**  
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- DM 30 Differentiation & Integration Formulas
- DM 31 Fourier Transform
- DM 32 Statistics & Probability
- DM 33 Vector Integration
- DM 34 Matrices And Determinants
- DM 35 Series
- DM 36 Vectors
- DM 37 Logarithms
- DM 38 Sets
- DM 39 Laplace Equations
- DM 40 Math Apprentice
- DM 41 Math Around Us



**DM 30**  
**Differentiation & Integration Formulas**

## English/COMMUNICATION SKILL LAB

### Dbios Language Learning Charts

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#### Phonetics Symbols

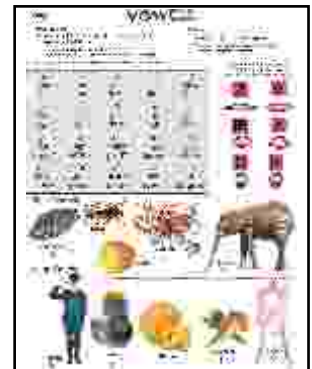
- DEN 1 Vowels with examples
- DEN 2 Consonants with examples

#### Parts of Speech

- DEN 5 Nouns with examples
- DEN 6 Pronouns with examples
- DEN 7 Adjectives with examples
- DEN 8 Verbs with examples
- DEN 9 Adverb with examples
- DEN 10 Preposition with examples
- DEN 11 Conjunctions with examples

#### English In Conversation

- DEN 15 About Weather
- DEN 16 Asking Directions
- DEN 17 Asking / Telling the Time
- DEN 18 In the School
- DEN 19 Personal Health / Common Health Problem
- DEN 20 Telephonic Conversation
- DEN 21 With a Guest at Home



**DEN 1**

**\* ASK FOR THE WORLD RENOWNED WRITER'S LIST**



## ENVIRONMENTAL SCIENCES

**Size : 75x100 cms. Printed on Black Rexine**

#### ECOLOGY

- CH 56 Ozone Layer
- CH 57 Green House Effect
- CH 58 Seasons
- CH 59 Biogas Plant
- CH 60 Water Cycle
- CH 61 Nitrogen Cycle
- CH 62 Carbon Cycle
- CH 63 Oxygen Cycle
- CH 64 Environmental Pollution

- CH 65 Food Web
- CH 66 Food Chain
- CH 67 Land Pollution
- CH 68 Phosphorous Cycle
- CH 69 Sulphur Cycle
- CH 522 Evolution of Man

#### SPACE

- CH 1095 The Solar System
- CH 1096 Solar & Lunar Eclipses
- CH 1097 Galaxies

} **Printed on White Rexine**

# APPLIED PHYSICS CHARTS

Dbios

Size : 30x40" Printed on White Rexine

## OPTICS

- CH 293 Eye & Its Defects
- CH 835 Chromatic Aberrations & their Remedies
- CH 836 Optical Microscope
- CH 837 Optical Telescope
- CH 843 Michelson's Interferometer
- CH 850 Light Dispersion
- CH 851 Light Diffraction
- CH 852 Light Polarisation
- CH 853 Light Interference
- CH 1050 Optical Fibre- Basic Principle
- CH 1051 Fibre Splicer, Coupler and Connector

## MECHANICS

- CH 873 Surface Tension
- CH 874 Newton's Laws of Motion
- CH 875 Dimensional Formulae
- CH 841 Elasticity-Hooke's Law
- CH 1055 Simple Pendulum & Harmonic Oscillators
- CH 1056 Moment of Inertia
- CH 1057 Cantilevers & Centrally Loaded Beams
- CH 1058 Galilean & Lorentz Transformations

## ATOMIC & NUCLEAR PHYSICS

- CH 845 Particle Accelerator-Cyclotron
- CH 846a Nuclear Radiation Detectors-I
- CH 846b Nuclear Radiation Detectors-II
- CH 868 Atomic Reactor
- CH 869 Nuclear Fission & Fusion
- CH 1060 Structure of Atom
- CH 1061 Nuclear Fission Reactors
- CH 1062 Zeeman & Paschen-Back Effect

- CH 1063 Stark & Raman Effect
- CH 1064 Effects of Radiation on Humans

## HEAT & THERMODYNAMICS

- CH 829 Heat Transfer
- CH 834 Types & Uses of Thermometers
- CH 838 Davisson & Germer Experiment
- CH 839 Carnot Cycle
- CH 867 Inter Conversion of Energy Forms
- CH 1065 Thermodynamical Processes
- CH 1066 Calorimeter (Joule's Method)

## MODERN PHYSICS

- CH 840 Lasers-Basic Principle
- CH 847 Photoelectric Effect
- CH 848 Origin of X-Rays
- CH 1059 Holography
- CH 1070 Compton's Effect
- CH 1071 Basic Laser Device and Laser Action
- CH 1073 Types of Lasers
- CH 1074 Michelson - Morley Experiment.

## ELECTRICITY & MAGNETISM

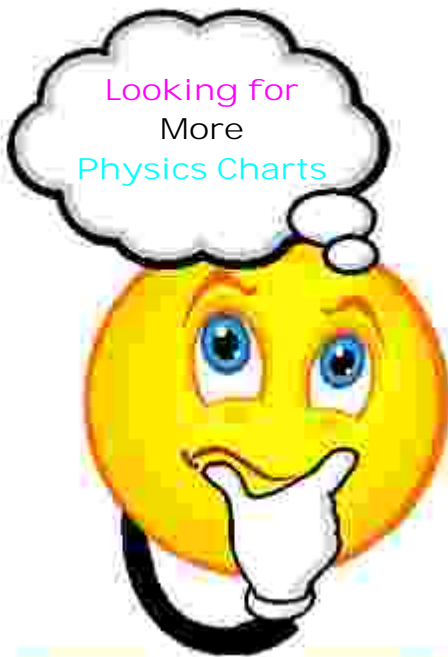
- CH 859 Kirchoff's Laws
- CH 1080 AC Circuits
- CH 1081 Magnetic Circuits
- CH 1082 Hysteresis Curve
- CH 1083 Maxwell's Equations
- CH 1084 Hall Effect

## SOLID STATE PHYSICS

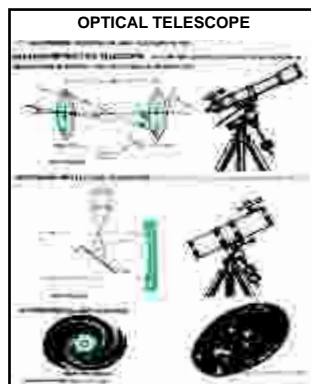
- CH 872 Types of Crystal Structure
- CH 1088 X-Ray Diffraction & Bragg's Law
- CH 1089 Bragg's Spectrometer

## ELECTRONICS

- CH 857 Semi-Conductor-I
- CH 858 Semi-Conductor-II
- CH 861 Logic Gates
- CH 860 Oscillators
- CH 862 Transistor Characteristics
- CH 863 Triode Characteristics
- CH 864 Rectifiers
- CH 865 Electronic Symbols-I
- CH 866 Electronics Symbols-II
- CH 1092 Solar Cell
- CH 1529 Cathode Ray Oscilloscope



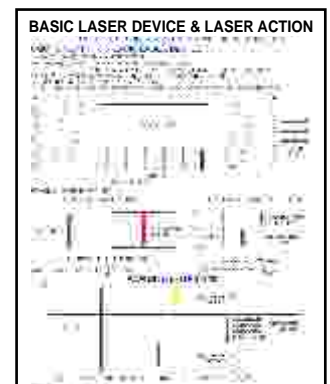
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CH 837



CH 874



CH 1071

Dbios

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## ENGG. CHEMISTRY

## WATER

- CH953 Boiler Problems  
 CH954 Softening of Water  
 CH955 Desalination of Water  
 CH962 Determination of Alkalinity of Water  
 CH963 Determination of Hardness by EDTA Method  
 CH970 Treatment of Water for Domestic Use

## POLYMERS

- CH960 Polymer Composites  
 CH966 Preparation of Urea Formaldehyde Resin  
 CH967 Preparation of Phenol Formaldehyde Resin

## PHASE RULE

- CH951 Phase Diagram of One Component Systems  
 CH952 Phase Diagram of Two Component Systems

## QUANTITATIVE TECHNIQUES

- CH961 Titrimetric Methods of analysis

## LUBRICANTS

- CH957 Additives for Lubricants  
 CH958 Physical Properties of Lubricants  
 CH959 Chemical Properties of Lubricants  
 CH964 Determination of Viscosity by Redwood Viscometer  
 CH965 Determination of Flash Point by Pensky Martin's Apparatus

## CORROSION

- CH929 Corrosion  
 CH956 Corrosion Control  
 CH971 Types of Mechanism of Corrosion  
 Ch972 Types of Electrochemical Corrosion

## PHYSICAL

- CH 878 Shapes of Atomic Orbitals  
 CH 907 Types of Cells  
 CH 909 Separation of Substances  
 CH 915 Liquefaction of Gases  
 CH 930 Lattice Defects  
 CH 932 Michaelis-Menten Equation  
 CH 938 Radioactivity

## GENERAL

- \*CH 877A Jumbo Periodic Table (Size 48x60")  
 \*CH 877 Periodic Tables of the Elements (White Polyart)  
 CH 939 First Aid in Laboratory  
 CH 940 Laboratory Safety Measures  
 CH 941 Techniques Used in Laboratory

## ORGANIC

- CH 934 Chromatography  
 CH 935 Synthetic Dyes  
 CH 917 Synthetic Polymers  
 CH 918 Natural & Synthetic Rubbers

## INORGANIC

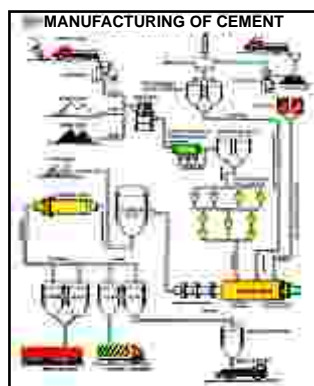
- CH 894 Determination of Molecular Mass  
 CH 896 Extraction of Metals  
 CH 905 Extraction of Aluminium  
 CH 906 Extraction of Copper  
 CH 912 Oxidation & Reduction  
 CH 920 Extraction of Iron  
 CH 924 Soap Manufacturing  
 CH 927 Principle of Extraction  
 CH 936 Acids, Bases & Salts  
 CH 937 Electrolysis  
 CH 942 Chemical Bonding  
 CH 943 Manufacturing of Cement  
 CH 945 Organometallic Compounds  
 CH 946 Chemical Analysis of food Articles  
 CH 947 Manufacturing of Glass

- DCM 47 Advanced Jr. Atomic Model set (47 balls+35 links) with flexible connectors & advanced balls.  
 DCM 48 Advanced Sr. Atomic Model set (100 balls+86 links) with flexible connectors & advanced balls.

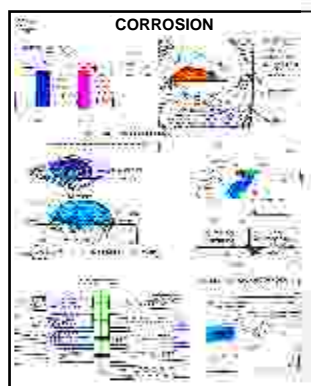
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Chemistry Charts



CH 940



CH 943



CH 929

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# Applied Physics PORTRAITS

Dbios

## PHYSICIST

- SP 12 Maghnath Saha
- SP 13 Galileo Galilei
- SP 14 Issac Newton
- SP 15 Sir C.V. Raman
- SP 16 Homi Jehangir Bhabha
- SP 17 J.J. Thompson
- SP 18 Neils Bohr
- SP 20 Archimedes
- SP 23 Albert Einstein
- SP 31 Ernest Rutherford
- SP 40 Dr. Vikram Sarabhai
- SP 41 K.S. Krishnan
- SP 44 A.P.J. Abdul Kalam
- SP 46 Thomas Alva Edison
- SP 70 Raja Ramanna
- SP 71 Stephen William Hawkins
- SP 72 Rakesh Sharma
- SP 73 Max Planck
- SP 74 James Clark Maxwell
- SP 75 Wilhelm Roentgen
- SP 76 James Joule
- SP 77 Johnnes Keppler
- SP 78 Coppersnicus
- SP 79 Ptolemy
- SP 80 Heike K. Onnes
- SP81 S. Chandershekar
- SP82 Satyander Nath Bose
- SP83 Benjamin Franklin

## CHEMIST

- SC 24 Madam Curie
- SC 25 Friedrich Wohler
- SC 26 John Dalton
- SC 27 Gibert Newton Lewis
- SC 28 Dimitri I. Mendeleev
- SC 30 Michael Faraday
- SC 32 Alfred Nobel
- SC 35 Dr. S.S. Bhatnagar
- SC 36 Joseph Priestley
- SC 37 Humphry Davy
- SC 39 Venky Ramakrishnan
- SC 85 Robert Boyle
- SC 86 J.J. Berzelius
- SC 87 Henry Bacqueral
- SC 88 F.A. Kekule
- SC 89 Avogadro
- SC 90 James Chadwick
- SC 91 Robert Bunsen
- SC 92 Fritz Haber
- SC 93 Hermann Staudinger
- SC 94 Willard Libby
- SC 95 Linus Pauling
- SC 96 Hans Krebs
- SC 97 Stanley Miller
- SC 98 John Fenn
- SC 99 E.D. Jemmis
- SC 100 P.C. Ray
- SC 101 Wilhelm Ostwald

## MATHEMATICIAN

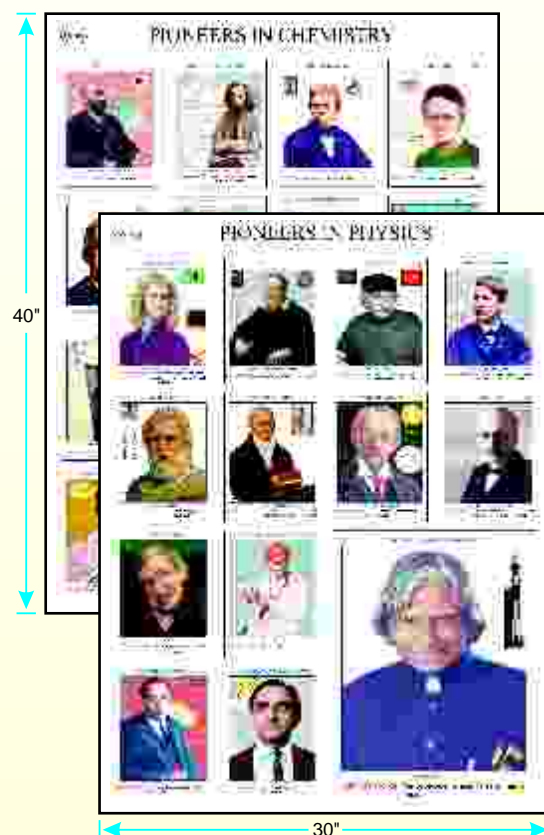
- SP 14 Issac Newton
- SP 20 Archimedes
- SM 51 S. Ramanujam
- SM 52 Varah Mihir
- SM 53 Pascal
- SM 54 Pythagoras
- SM 55 Euclid
- SM 56 Bhasakaracharya
- SM 57 Aryabhata
- SM 58 Euler
- SM 59 C.R. Rao
- SM 60 Anand Kumar
- SM 61 Shakuntala Devi
- SM 62 Claudius Ptolemy
- SM 63 P. V. Sukhatme
- SM 64 Prasanta Chandra Mahalanobis
- SM 65 Sir Ronald Aylmer Fisher
- SM 66 Carl Ritter
- SM 67 Rene Descartes
- SM 68 Joseph Louis Lagrange
- SM 69 Manjul Bhargava
- SM 70 Bhavish Aggarwal

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