(Inventor law of gravitation) some particle of multin attract every other particle of matter with a force which is directly proportional to the production of their makes and inversey proportional to be square of brance been from ottento miditas made at adjust innoverning vitabilis it variet is no (Carlesoniusara O Keplan law: 1) First law (Law of orbit) !-(homean planer revolve) propulate the san in elliptical orbit with the tree san of at one of the focus of orbit. lasting an investment been been a . 2) Second law :- (law of equal area): The mellus vector de rawn from the sun to the planet swept equal area in equal interval of time. 3) Third law: (law of period):-The square of time periode of revolution of planet is directly proportional to the cube of the mean distance of the plane from sun. 3) law of conservation of angular momentum: If no exter. nal torque act on a notating body then the total angular momentum of body remain constant @ Law of simple pendulum: - T=211 (aw) The period of simple pendulum at given place is directly proportional to the square most of its length (as) The period of simple pendulum of given length 15 Investly proportional to the square root of gravitational

logic

Law-3) The period of simple pendulum is independent
of mass of bob, material of bob and amplitude
of motion provided amplitude is small.
wind to markethand soller hamman agent surveille and the
3 Hooke's law.
within elastic limit stress devoloped
in a body is directly proportional to the # steam
produced in it
e (Here become) wat their (
6 poppler effect = (for sound)
[대통령 이 사이를 위한 ^ 다음 회사 이 사람들은 생생들이 되는 계기 때문을 가는 사람이 되었다면 가장 하는 이 사람들이 되었다면 하는 것은 것이 되었다면 살아지고 하는 것이다면 하는데 되었다면 사람들이 되었다면 하는데
treassectors process and assesses alle to relative motion beto
Source of sound and oboserver is called
"Doppler effect"
경에 되어 어머니는 아이를 하면 내려면 내려가 되었다면 하는데 되었다면 되었다면 하는데 되었다면 하는데 되었다면 하는데 되었다면 되었다면 하는데 되었다면 되었다면 하는데 되었다면 하는데 되었다면 되었다면 하는데 되었다면 되었다면 되었다면 되었다면 되었다면 되었다면 되었다면 되었다면
(2) Lawof vibrating string: - n= 1 /m
21 / M
Draw of Length:
The fundamental frequency of
vibration of stretched string is inversly proportional
to the vibrating length of string. If the vibrating
tension length ear the string and man per unit length of
String remains constant
2) Law of tension:
The fundamental frequency
of vibration of a stretched string is directly
proportional to the square noot of tension in the string
if the vibrating length of string and mass per unit
length of string remain constant
3) Law of mass personit length:
The fundamental frequency of
vibration of steetehed steing is inversity proportional to the squaremost of mass postunit length if vibrating length and tension

2

(8) Boyles law:	- (1)
For a given mass of a gas at constan	
tempreture the pressure excepted by the gas is di	
inversey proportional to the volume of gas	
(9) charles law:	1
At a fixed pressure, the volume of	
gas is directly proportional to its absolute	
tempreture cos o mos y bad to sutting all mans	
@ paltan's law of partial pressure:	1
The total pressur	
of a mixture of ideal gases is the sum of partic	u
A compared to the property of the contract of	50
(ii) law of equipartition of energy:	
For any dynamical	
system in thermal equilibrium, the total energy	-
is equally distributed amongst all all degree	2
of freedom and the energy associated with with	
each molecule per degree of freedom is 1/2 KBT	100
where kp 15 bottzman constant and	
T is tempretuse at system.	
12) wein's displacement law:	52
The product of wavelengt	h
(da) corresponding to the max value of wavelength and	
absolute tempreture (T) of black body is constant	
3 Kirchhof's law:-	
The cofficient of absorption of a body	1
is equal to its cofficient of emission at given	1
Tempreture	
	1
	X

(4) Stefan's law of radiation:
Claritims to supply to 120m of The emmissive pages of
a fertectly black body is directly proportional to a
fourth power of 1ts absolute tempreture
1 Newton law of cooling:
to smaller ant assist The mate of Moss of heat
of a body of curectly proportional to the
excess tempreture of body over a sorrounding
provided the excess tempreture is small
pallant law of learning prelimer
(6) zeroth law of thermodynamic's:
2 and in the mant of a state of the body pang
g are in thermal equilibrium and also pande
are in thermal equipricing then gand and are are &
are also thermal equilibrium through to and
Latierearla romanal
(1) First law of thermodynamics:
The energy supplied
to the system goes in partially to increase the
internal energy of system and the rest in work
on the environment
Production of the second secon
(18) second law of thermodynamics:
mechanical work
can be converted completely into heat but to heat of
cannot be converted completely into the mechanic
work ie work and heat are not equivalent
Literatura de la compania de sustantes de la compania del compania de la compania de la compania del compania de la compania de la compania de la compania de la compania del compania de la compania del compania de la compania de la compania del compania de la compania del c

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