

U \$rG • " P ^ " , GY " , ? • < %%%| ' %'

%, r?Gz?b i" U \$rG •

] , E" , rG • i" U"i" , • < U zY G " , r"

wQ" , bG | « f t @ « v W % a n
7 v « } A J " Q H f H >

$$\} b, ?^{\prime \prime} z i b$$

H>f	"' ; "«%w} %w au ; G \$G i" v,jzQ "i"r >>>>>>>>>>>>>>>>>>>>>	Q
H>f	AaC"?Elb >>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>	Q
H>Q	7 ●?",G<z?GY•ib >>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>	Q
H>->	·"b,G >>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>	Q
H>[	i ,b`"iQ ", ?b "P^", Q ", ?●< >>>>>>>>>>>>>>>>>>>>>>>	Q
HQ	Uby● i" Y ●, G z ◊ Elb u U z ? z • Elb >>>>>>>>>>>>>>>>>>>>>	-
HQ f	v , ● Gr " ibri ● ib r " P ^ ", Q ", ? ● Gr >>>>>>>>>>>>>>>>>>>>	-
H>	"' ; "«%w} %w %au U z ? z • Elb >>>>>>>>>>>>>>>>>>>>>>>	[
H>-f	AaC"?Elb >>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>	[
H>-Q	7 ●?",G<z?GY•ib >>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>	[
H>->	i ,b`"iQ ", ?b >>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>	[
H>-[	·"b,G >>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>	[
H>[	Uby● i" Y ●, G z ◊ Elb u U z ? z • Elb >>>>>>>>>>>>>>>>>>>>>	...
H>..	"' ; "«%w} %w %au A , i or " r ? ● G b , ● Or "Y } b,i or >>>>>>>>>>>>>	e
H>..-f	AaC"?Elb >>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>	e
H>..-Q	7 ●?",G<z?GY•ib >>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>	e
H>..->	·"b,G >>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>	e
H>..-[	i ,b`"iQ ", ?b "P^", Q ", ?●< >>>>>>>>>>>>>>>>>>>>>>>	e
H>e	U\$G◊ "P^", Q ", ?●<%auA , i or " r ? ● G b , ● Or >>>>>>>>>>>>>>	-
H>-	"' ; "«%w} %w %u z " b `G i " ib WbY , b v , >>>>>>>>>>>>>>>>>	m
H>-f	AaC"?Elb >>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>	m
H>-Q	7 ●?",G<z?GY•ib >>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>	m
H>->	·"b,G >>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>	m
H>-[	i ,b`"iQ ", ?b "P^", Q ", ?●< >>>>>>>>>>>>>>>>>>>>>>>	m
Hm	Uby● i" Y ●, G z ◊ Elb u z " b `G i " ib WbY , b v , >>>>>>>>>>>>>	6
H6	"' ; "«%w} %w z u « " T P l b " , " p . Elb i ● z Y >>>>>>>>>>>>>>>	fH
H6-f	AaC"?Elb >>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>	fH
H6-Q	7 ●?",G<z?GY•ib >>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>	fH
H6->	·"b,G >>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>	fH
H6-[	i ,b`"iQ ", ?b "P^", Q ", ?●un"G i ● « " T P l b " « " p . Elb >>>>>>>>>>>	ff

[illegible]

H>f " ' ; " « % ' w } %v %ai ; ,G ` \$ ^ G i " v ,jzG " i " r

H>f>f A a c " ? E b

J " ? " , Y G • , " P ^ " , G " , ? • Y " , ? " b " Y ^ z P b i " z Y T z G b r b a , " z Y ` b , ^ b r z a Y " , r b >

H>f Q 7 • ? " , G < z ? G G • i b

t @ " ` y " , ?

t J G • Y b Y " ? , b ?

t } G G i , b r Y " ? • G b r ?

t ; • j z \$ Y " ? , b ?

t @ • • , E • ?

t } b , ^ b r b G b ` b Y p b , Y • G , " ; z • , ?

H>f > • " b , G

A ^ , G ` \$ ^ G i " v , j z G " i " r 5 j z " " z Y • ` b , t r " j z " , G i o r < G i o " r ? • G • i b r T z G b r 5 i G j z " j z • , i b z Y ` b , ^ b " ? b ? • < b z ^ • , G Y " , ? " Y " , ; z t y • i b " Y z Y T z G b » \$ j z G b b z ; • r d " Y " j z G \$ a , G 5 b T z G b " P " , " ^ , " m b " Y ? b i b r b r ^ b , ? b r i o r z t ^ " , p \$ G i b ` b , ^ b j z " " r ? " • Y " Y ` b , ? • ? b ` b Y " < > v ^ , " m b " Y • G , , o r ^ • , ? " r G " , r o r Y • G ^ , b t p z , i o r > v , " r z < • , ? " i " ? b i o r o r p b , f o r i " E G i o r o r ^ , " m b " r " z Y • p b , f • E " , G • 5 i G G G • ^ • , • G • 5 i " , b Y G • i o i " " Y ^ z P b i b T z G b r b a , " b ` b , ^ b G " , r b >

v ? " , E b I t W o a " , i b j z " b " Y ^ z P b " G z • < • b ^ " r b i b E b < Y " i " \$ j z G b i " r b ` • i b 5 b a ? " , y • z Y • " P ^ , " m b " , E b E " , i b b " Y ^ z P b » " d " b E b < Y " i b r b G b Y " , ; z y • i b , b T z G b » z d >

H>f > [; , b " i G " , ? b " P ^ " , G " , ? • <

w " r ? " " P ^ " , G " , ? b b " Y ^ z P b r " , • i " ? " , Y G • i b z ? G G • , i b i b G ^ , b " i G " , ? b r " P ^ " , G " , ? • G i G " , t " , ? " r >

] ? G G • , i b z Y i G • Y b Y " ? , b

w " r ? " ^ , G " G b ^ , b " i G " , ? b 5 r b , " • G • i o r i z o r Y " i G i o r i " p b , f • ` b Y • z ? G G • E b i " z Y i G , • Y b Y " ? , b » E " • • U G z , • f d ; , G " G • Y " , ? " 5 Y " i " t r " b ^ " r b i " z Y ` b , ^ b 5 ` b Y b Y b r ? , • • U G z , • f » • d v r " ; z G 5 i " ? " , Y G • t r " b ^ " r b • ^ • , " , ? " i b b a c " ? b 5 • ^ b r " r ? " " r ? • , ? b ? • Y " , ? " r z a Y " , r b " Y • ; z • > v i G " , f • " , ? , " m o r i z o r Y " i G i o r " b " Y ^ z P b " P " , G b r b a , " b b a c " ? b > v ? " , E b u t w b i " G " • ^ • , ? " G ? " , G , i b i G • Y b Y " ? , b Y b y • , >

] ? G G • , i b z Y • a • • , f •

% , G G Y " , ? " i " ? " , Y G • t r " 5 ` b Y • z ? G G • E b i " z Y • a • • , f • 5 • Y • m o i " z Y a " j z " , ` b , ? " , i b • ; z • 5 ` b , p b , Y " Y b r ? , • • U G z , • Q » • d v r " ; z G 5 i " ? " , Y G • t r " • Y • m o • ^ • , " , ? " i b a " j z " , ` b Y • ; z • • b Y " , ; z y • , ? b ? • Y " , ? " z Y b a c " ? b , " < 5 ` b Y b Y b r ? , • • U G z , • Q » a d v r Y • m o r b a G i o r ^ b i " Y r " , z ? G G • i o r ^ • , • i " ? " , Y G • , b ^ " r b , " • < " b ^ " r b • ^ • , " , ? " i b a " j z " , ` b Y • ; z • 5 ` z • i G " , f • " G z • < • b " Y ^ z P b >

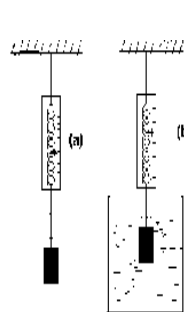


Figura 1

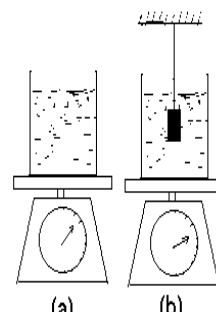


Figura 2

" $fI \gggggg(\gggggg$

"OI >>>>>> (>>>>>>

"_fI >>>>>>(>>>>>>

G_A I >>>>>> (>>>>>>

HQ>f v , •Gr" ibr i •ibr "P^",Y ",?•Gr
v?",Eub u † wlb "rjz"• i • ^,b^•;•Eub i"
",br>

H> " ' ; " « % ' w } %v %auU <?z • f b

...

H> " ' ; " « % ' w } %v %au U <t
?z • f b

H> f A a c " ? E b

v , • G , " P ^ , G " , ? • Y " , ? " • T z ? z • f b i " z Y
` b , ^ b " Y i G " , ? " r G j z G b r 5 Y " i G i b • i " , r G
i • i " i b G j z G b >

H> Q 7 • ? " , G < z ? G G • i b

t @ " j z " , i " f H H Y < ?

t ^ , b E " ? • ; , • i z • i • ?

t a " j z " , i " Q . H Y < ?

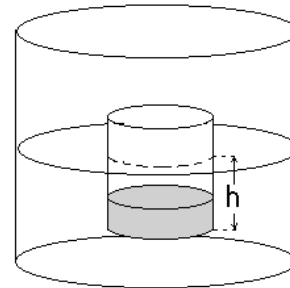
t a • • , f • ?

H> > i , b " i G " , ? b

w b m b b a c " ? E b " , " • G , • , " P ^ " , G " , ? • Y " , ? "
• • < z , • r z a Y " , r y ` b Y • Y • m • Y i " z Y
` b , ^ b T z ? z • , ? " G , i , G b 5 E " • • U G z , • f > v
E • , G f b i • Y • m • i b ` b , ^ b ` G , i , G b " p " G •
` b b ` • , i b i G " , ? " r j z • , G i " r i " • , " G , b
r " z G ? " , G , » G G i , b i " i ; } G b j z • < " ` b b t
` i b • T z ? z • , " Y • ; z • " Y z Y a " Y " , i " f H H
Y < " G ^ b , ? • , ? " b a r " , E • , j z " b " j z G G , G i b
` G G i , b " G ^ , " r ` G i E " < ^ • • , " • G • , Y " i G • r
^ , " G r i • • < z , • r z a Y " , r y > A " j z G G , G 5
` b Y b " G b i b ` G G i , b , • ^ b r G b E " , G • 5 i " t
E " , • r " , b a G b ^ b , Y " G i • i G ? , G z G b Y • G
z , G b , Y " ^ b r E " < i • • , " G , b p z , i b i " r ? " ` b , ^ b
T z ? z • , ? " > A a ? " , y • 5 ^ b , ? • , b 5 ^ • , " r y t Y , b
` • r b " Y j z " b G j z G b " • ; z • >

H> > [• " b , G

i • • i G r ` z G Y b r ? " b , G • Y " , ? " b r G ? " Y • i •
U G z , • f 5 ^ , " ` G • Y b r ` b , r G " , • , i b G p ? b r p z , t
i • Y " , ? • G u



U G z , • f u } G G i , b ` b Y • , " G T z ? z • , i b " Y • ; z • 5
` b Y ^ , b p z , i G i " Y " , ; z y • i • G z • < • y >

f > A ` b , ^ b T z ? z • , ? " r ? • " Y " j z G G , G 5 ^ b , t
? • , ? b • p b , f • , " r z < ? • , ? " " , z • >

Q > W b i z • r • r p b , f • r • ; G i b r b a , " b ` b , ^ b
T z ? z • , ? " u b ^ " r b " b " Y ^ z P b >

J " r " , E b G G " , ? b I † W • a " , i b j z " b
Y b i z b i • p b , f • ^ " r b i " E " , • r " , G z • < • b
Y b i z b i b " Y ^ z P b 5 b a ? " , y • 5 z ? G G • , i b b
i , G ` \$ G i " v , j z G " i " r 5 z Y • , " • f b " , ? , "
• • < z , • r z a Y " , r y " • Y • m • Y i b ` b , ^ b
T z ? z • , ? " > ; " • U G z , • f >

fH>J "Y b, r?," "P^",G ",?•Y ",?" jz" •
Y •m• ib `b,^b Tz?z•,?" " Gz•< • Y •m•
i" •;z• i"rb`i•>

```
[> »d i "◊ pb,Y • ib ; ,◊"b ba?Gb5jz" ,"t
◊b "PG?" " ,?," y " Y R »ad "P^,"rr" m•
,"◊Fib Y •?"Y •?G•Y " ,?">
•a"◊ fuJ◊ibr "P^",G " ,?Gri" y " Y >
```

...>] ?GGY,ib < "Gib "Y ^zPb ^.,.b,^brTzt
?z.,?"r5i "Y b,r?," jz"5^.,.zY `b,^b i"
r"Flb ,"?b,r?.,?" i" v`," v »bYb `b
`rb ib `b^b i" .,"GdE<." <Flb
y I $\frac{f}{G_{\text{SI}} v}$ Y 5

H>.. " ' ; " « % " w } %v %auA , i . r " r ? . \ G , , G r " Y } b , i . r

-

H>.. " ' ; " « % " w } %v %auA , i . r
" r ? . \ G , , G r " Y } b , i . r

H>..>f A a ç " ? E b

" r ? z i . , . p b , Y e f b i " b , i . r " r ? . \ G , , G r
? , . r E " , r G r " Y z Y . \ b , i . " i " ? , Y G . , . r
p , " j f " , \ G r i " , " n b , é , \ G r \ b , , " r ^ b , i " , ? " r
b r j z . ? , b ^ , G " G b r y . , Y b , G b r >

H>..Q 7 . ? " , G < z ? G G y i b

> # " , i b , i " r G . G ? > v < b p . , ? " ? > U G r
i " \ b , " P b ? > ; " r b r ? > « " ; z . ; , i z . i . ? >
W z ^ b , ? " \ b Y ; . , . r ? > @ . , a . , ? " >

H>..> . " b , G

A , i . r . ^ b ^ . ; . , " Y t r " , z Y " r ^ e b \ b , " , . i b 5
\ b Y b ^ b , " P " Y ^ b 5 . r b , i . r , z Y . \ b , i . i "
^ G , b b z ; z G . , . 5 r b p " Y , " T " P k " r " Y . Y a . r
r " P ? , " Y G . i " r i . \ b , i . > v n G 5 p b , Y . Y t
r " b , i . r j z " r " Y b E G " , ? . Y , . r , . Y " r Y .
i G " e b " " Y r " , ? G b r b ^ b r ? b r > " r ? . r b , t
i . r \ b Y a G . Y t r " i " . \ b , i b \ b Y b ^ , G \$ G
i . r z ^ " , ^ b r e b > ; . , . \ i . \ b , i . 5 " P G ? " Y
p , " j f " , \ G r > y . Y . i . r i " p , " j f " , \ G r i " , " r
r b , é , \ G d , . r j z . . G . r b a , " ^ b r e b \ b , i z Y .
z Y . \ b , " ; z . , e b i " E G a , e b i " r ? . \ G , , G 5 i " t
 , b Y G . i . b , i . " r ? . \ G , , G >

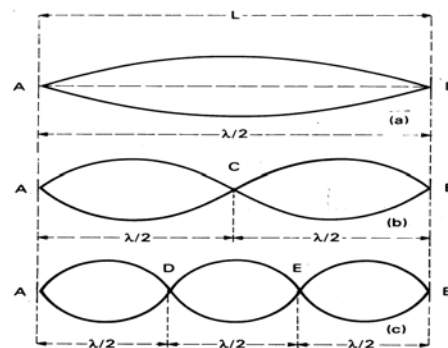
] Y . \ b , i . > b z " b d 5 " P . " Y r z . r " P ? , " Y t
G . i " r 5 " , ? , . " Y , " n b , é , \ G , . r r " ; z G ? " r
p , " j f " , \ G r u E
p , I Q n , 5 , I f 5 Q 5 - 5 [5 > > 5 > f d
b , i " , " b , z Y " , b i b y . , Y b , G b ^ i G " , t
r G , . 4 p n " b \ b Y ^ , G " , ? b i . \ b , i . " E "
 . E " b ^ G . i " i . r b , i . r ? , . r E " , r G , . \ b , i .
> " b d 5 \ z . r z ^ " , ^ b r e b i " z b , G " Y b , i .
" r ? . \ G , , G > v E " b ^ G . i " E 5 j z " " . Y " r Y .
^ . , . ? b i . r . r p , " j f " , \ G r 5 ^ b i " r " , b a ? G . z r t
 . , i b . " j z . e b u

: —
E I — 5
@

> Q d

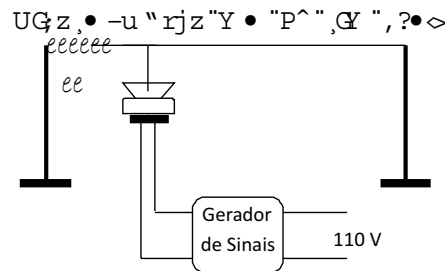
b , i " . " . p b , e j z " ? , . \ G , . . \ b , i . > " b d
" @ " . i " , r G . i " G " . , i . \ b , i . > " b d > v
U G z . , Q . a . G b , " ^ , " r " , ? . b r Y b i b r i " E G
a , e b i " z Y . \ b , i . i " \ b Y ^ , G " , ? b n 5 " P .
" Y . Y a . r . r " P ? , " Y G . i " r >

U G z . , Q u J G " , " ? " r Y b i b r i " E G a , e b i " z Y .
\ b , i . \ b Y " P ? , " Y G . i " r " P . r >



H>..[i , b " i G " , ? b " P ^ " , G " , ? . <

i . , . . ? G ; G b r b a ç " ? E b r i " r ? . " P ^ " , G , \ G 5
r " , . z ? G G y i . z Y . " P ^ " , G , \ G \ b , p b , Y " b
" r j z " Y . , " ^ , " r " , . i b , . U G z . , - > v r
p , " j f " , \ G r i " , " n b , é , \ G r r " , b i " ? " , Y G . i . r
E . , G , i b < , ? . Y " , ? " . p , " j f " , \ G , b ; " , i b , i "
r G . G " b a r " E . , i b b Y b E G " , ? b i b \ b , i . >



$$* \quad W_{GI} f$$

H> " ' ; " « % ' w } %v %z u ç " b`G`i" ib WbY , b v ,
i`i" ib WbY , b v ,

H> A a ç " Eb

%E"r?G•, • p b,Y•E b i" ^•i,k`r i" b,i•r
rb,b,•r "r?`G,•,G`r " i"? ,Y G•, • E"b`G
i`i" ib rbY , b •,>

H> Q 7 •?" ,G<z?G`Y•ib

> • zab i" EG b`b,?" ,ib •;z•?> J G`•rb
i" p jz",`G`b,y" G•? > 7 •,?" b i" ab,t
•,y•?> +",•ib,i" rG•G?> «";z• ;,•izt
•i•?

H> > • "b,G

v b "Y`G`Y br b,i•r rb,b,•r , • "P?,"Y G`i"
i" zY ?zab i" •, b jz•<"r?• p`Y•ib , • "Pt
?,"Y G`i" b`br?•5^bi"Y brba?",5^•,•`",br
`bY ^,G`",`br ib ?zab i" •,5^•i,k`r i" b,t
i•r "r?`G,•,G`r G`",G`•ibr^b,zY Y•PG`b
, • G`?,"G`i" ib rbY ^,bizYG`b ^"b iG`
^•rb> w"r" `•rb5?",Y br b p`,bY",b i"
,"mb,•,`G5• jz•<b`b,,"• jz•,ib •r b,t
i•r rb,b,•r jz" ",?•Y "Y zY • i•r "P?,"Y t
G`i"r " •r jz" rb ,"T" G`r , • "P?,"Y G`i"
b`br?• G`?" p`,G`"Y i" Y bib `b,r?,z?Eb> w•
,"mb,•,`G5• p,"jz",`G`p i b iG`^•rb `bG`G`
`bY zY • i•r p,"jz",`G`r,•?z,•G`i" EG,•E b
i• b`z,•i" •, ,b ?zab>

UG•,ib zY • i•i•p,"jz",`G`^•,••rb,i•r
rb,b,•r "Y zY ?zab p`Y•ib "Y zY • i•r "Pt
?,"Y G`i"r5•r , "mb,•,`G`r b`b,,"rb ^•,•br
`bY ^,G`",`bnu
n, I $\frac{1}{l}$, 5 , I f5-5.5»5 »md

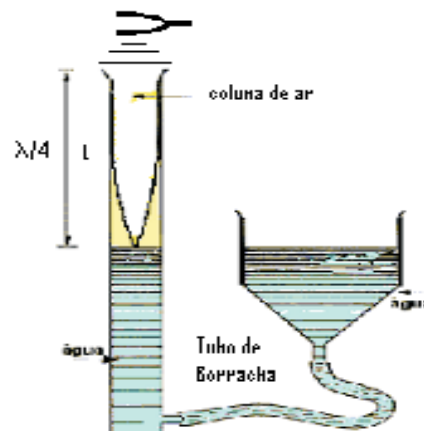
w"r?• "jz•E b 5n, ,^,"r",?• b `bY ^,G`",`b
ib ?zab ^•,•by•,Y b,G`b, " ) b `bY ^,G`",`b
i" b,i• i• b,i• rb,b,•> wb?" jz" ,b ?zab

p`Y•ib "Y zY • i•r "P?,"Y G`i"r5rbY ",?" br
y•,Y b,G`br G`^•,"r"r?b ^,"r",?"r>
•",ib "Y Y`br b `bY ^,G`",`b i" b,i•)
" r•a",ib •p,"jz",`G`p i b,i• "r?`G,•,G`
»p,"jz",`G`i b iG`^•rb "Y ,bmb "P^",G`",`b d
^bi"Y brba?", • E"b`G`i" E ib rbY zr•,ib
jz" E I)p>

H> >[; ,b`"iG`",`b "P^",G`",?•<

v , "mb,•,`G`r",• ^,bizYG`•,zY ?zab `bY
•;z•5`z`b ,E"<^bi" r", •zr?•ib5 "<E•,ibt
r" bz •a•G`•,ibtr" zY , "r",E•`b,`b i" •;z•5
z,G`b • "<^b, zY • Y•,;z`G`•> ] Y iG`
^•rb " "P•ib , • "P?,"Y G`i" •a",?• ib ?zab5
"Y`G`ib rbY `bY p,"jz",`G`"P•5",jz•,`b •
`b`z,•i" •, "E•,G`i> v,b?" ",`b b `bY t
^,G`",`b ib ?zab i" •, ^•,•`•i•y•,Y b,G`b
G`",G``•ib>;•,•b`•<z`b i•i•E"b`G`i" ib
rbY ^,"G`Y brY "iG`b `bY ^,G`",`b i" b,i•
i• b,i• "r?`G,•,G`> ;•,•G`rb EG," b iG`
^•rb `bY bY •,?"b i" ab,•,y•jz" "r?• "Y
`G`•i•a•,`•i•5?",ib b `zG`ib i" ,`b
•`",?•, b ?zab>

UG`z,• [u "rjz"Y • "P^",G`",?•<



f^H

•,ib jz" E I) pu

E I >>>>> (>>>>>> »ffđ

$$\{b_Y^{\bullet}, \text{ } ^{\flat}b_Y \text{ } b_E^{\bullet}, \text{ } ^{\flat}r^{\bullet}, \text{ } ^{\bullet}ib \text{ } i^{\bullet} \text{ } E^{\flat}, \text{ } ^{\bullet}E^{\flat}\}$$

i•i" ib rbY "Y ?"Y ^",●?z,● ●Y aG",?" ,b

 $\langle \bullet ab, \bullet ?b, \text{Gb} \rangle$

e> "P^Gjz" ^b, jz" br Y bibr i" EGa, •Flb ,

•rzY "Y •^",•rE•b,"r\$Y ^•,"r>

•rzY "Y •^",•rE•b,"r\$Y ^•,"r>

»6d

→ } b, r?, z • zY ; , • " b i b bY ^, G ", b n
"Y p z, f i b i b Y b i b i" E G , • f i b , > i b,
j z " ^ " r ^ , • i b j z " m " ; , • " b ? , y • zY
bY ^ b , ? • Y " , b G " • R

$$G \quad , \quad n \gg Yd \quad ' \quad Q \quad ' \quad v \quad \bullet \quad l \quad a - \quad ' \quad \& \quad v^Q$$

- I >>>>>> (>>>>>>

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aI >>>>>( >>>>>
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aI >>>>>( >>>>>
```

) I >>>>>> (>>>>>> »fHd

»fHd

H> " ' ; " « % ' w } % v ç u « "T"Plb " , "p,•Flb i• <Y

ff

H> " ' ; " « % ' w } % v ç u « "t t 2_f^i I • , ; z b i " , "T"Plb>
T"Plb " , "p,•Flb i• <Y

vr <"G i • , "T"Plb " i • , "p,•Flb r b • r
r"; z G ? "nu

H> A a ç ? Eb

} b, r ? • ? Flb i • r <"G i • , "T"Plb " i • , "p,•Flb
i • <Y5J "? , Y G • Flb i b \$, i G " i " , "p,•Flb i "
zY Y • ? , G < " i b • , ; z b G G ? >

t Ar , • G r , "T"Plb " , "p,•?ib " r ? b ` b , ? G
ibr , b ^ • , b p b , Y • i b ^ " b , • G G ` G " , ?
` b Y • , b , Y • < ¶ rz ^ " , p \$ G " , b ^ b , ? b i " G t
` G " , ` G ?

H> Q 7 • ? " , G < z ? G G • i b

t , "T"Plb u 2_f I 2_f^i ? "

` @ • , ` b b ^ ? G b ? ` • • a z • i " • , ; z b r ? ` • •
i " p , i • r ? ` n " , ? " G \$ , i , G • ? ` • • b ^ • ` • ? `
Ub , ? " i " <Y ? ` @ • r " ^ • , • r ? " < r ? ` 7 • r ` • , • ?
` n " , ? " ` b , E " , ; " , ? " >

t , "p,•Flb u , f r G 2_f I , q r G 2_q >

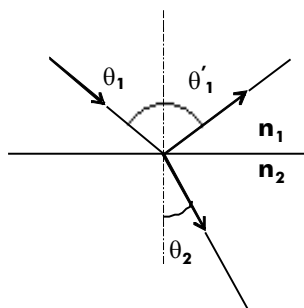
H> > • " b , G

K z • , i b zY p " G " i " <Y G ` G " r b a , " • r z t
^ " p \$ G " i " r ^ • , • Flb " , ? , " i b G Y " G r 5 ^ • , ?
i " < " ` , "T"Plb " • b z ? , • ^ • , ? " ` i " r E G i • » , " t
p,•?i • d • b ^ " , " ? , • , b r " ; z , i b Y " G » U G > ... d

K z • , i b b Y " G f " Y • G r , "p, G ; " , ? " i " j z " b
Y " G Q » , f 9 , q d b • , ; z b i " , "p,•Flb " Y • G ,
j z " b i " G ` G " , ` G > ¶ Y " i G • j z " 2_f • z Y " , ? • 5
b , • G , "p,•?ib • p r ? • t r " i • , b , Y • 5 • ? " r • G ,
? • , ; " , ? " ¶ rz ^ " , p \$ G » 2_q I 6 H d " ? " Y b r

, f r G J n I , q » f Q d

UG z , • ... u « "T"Plb " , "p,•Flb i• <Y



A , i " 2_n " b • , ; z b G G ? > v ^ • , ? G , i " r ? "
• , ; z b r b Y " , ? " b ` b , , " , "T"Plb>

} b Y ^ < ? " b i " r " , y b Y b r ? , • , i b • a • G b i " t
r " , y • , i b b j z " b ` b , , " ` b Y b r , • G r G ` G " , ? " r 5
 , "T"Plb " , "p,•?ib 5 , b ` • r b " Y j z " • <Y G t
` G " ^ " • ^ • , ? " , " ? » U G z , • e » » d d " ^ " • ^ • , ? "
` z , E » U G z , • e » » d d i " z Y • < , ? " ` G G i , G • >

UG z , • e u « "T"Plb " , "p,•Flb i• <Y

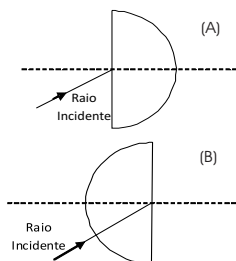
A , i "

t , f I \$ i G " i " , "p,•Flb , b Y " G f ?

t , q I \$ i G " i " , "p,•Flb , b Y " G Q ?

t 2_f I • , ; z b i " G ` G " , ` G ?

t 2_q I • , ; z b i " , "p,•Flb "



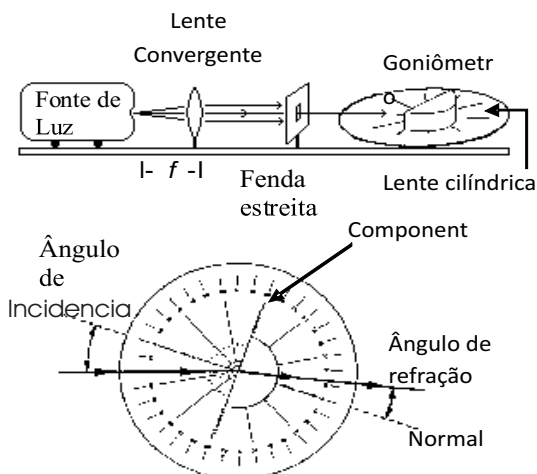
H>6>[; ,b`"iG " , ?b "P^" ,G " , ?•un"G
i• « "T"Plab " « "p,•Flab

ç•YbrIGG "r?• "P^" ,G , Ç "Y iz•r^• , ?"r
i•r" ; z" , ?" pb ,Y •r" , ib•f• •`b , r?•?•Flabior
<Gri• , "T"Plab " , "p,•Flab " •i"? , YG•Flabib
\$iG"i" , "p,•Flabi• < , ?" ?" •Q"i"? , YG•Flab
ib • , ; z b G G">

f•i v« • " u« "T"Plab " « "p,•Flabi•nzY

f>7 b , ?" b "jzG•Y " , ?b `b , pb ,Y " Ybr? , ib
 , • UGz , • ^> v GY" • rz^" , p\$G^• , •
i• < , ?" `G\$ , i , G• `bY • Gy• , b?zt
•i• ¶bY^b , " , ?> v < , ?" "r? , • •Gt
y•i•jz• , ib•r Gy•r , i•Gri• ?•az•i"
• , ; z br» ; b , GY " ? , bd " `• , "Y ^" , ^" , iGzt
• , "r ¶ rz^" , p\$G^`z , E• i• < , ?" > v çr?"
b rG?"Y•i" ?•<Ybibjz" zY z , Gb , •G
i" çY^•rr" iG" ?•Y " , ?" •? , •E`rib ` , t
? , b ib ; b , GY " ? , b> w "r?• rGz•Flab b , •G
çY G brb "Y " , ; " ^" , ^" , iGz• , Y " , ?" ¶ rzt
^" , p\$G^`z , E• i• < , ?" >

UGz , • ^u« "T"Plab " , "p,•Flabi• çY



Q>U•Y" , ib• çY G `G G , • rz^" , p\$G^• , •
i• < , ?" " r"Y ^" , ?z , a• , b •Gy•Y " , ?b
i•Y "rY •5 ; G" b ; b , GY " ? , b • "Y i" bat
r" , E• , b , •G , "p,•?•ib^• , •E• , Gbr • , ; z br
ib , •G G `G " , ?">

-> } bY ^<" , • ?•a" • br • , ; z bri" , "T"Plab
 , "p,•Flab5`b , "r^b , i" , ?"r•br • , ; z bri"
G `G " , Ç G iG•ibr>

$2_f \gg d$	$2_Q \gg d$	$2_f^i \gg d$	$r", 2_f$	$r", 2_Q$
H				
fH				
QH				
-H				
[H				
..H				
eH				
~H				
mH				

AauJz , • , ?" •rY "iG•rpf•zrb i• < "Gi"
 , "T"Plabi• çY^• , •`b , p , G , b •Gy•Y " , ?b
i• < , ?" >

[>U•• zY ; , •`b r" , 2_f P r" , 2_Q "Y ^•^" <
Y GY " ? , ib> ; b , jz" " r^" , ib jz" "rr"
 ; , •`b ?" , y• zY `bY ^b , ?•Y " , ?b G "• , R

...> } b , rG " , "b \$ iG" i" , "p,•Flabib • , Gz•<•
f5HH " • ^• , G i• • a" • RR5zr" bY " ?bib
ibr Y \$ G br jz•i , ibr ^• , • " , `b , ? , • , b
\$ iG" i" , "p,•Flabi• < , ?" `G G i , G•>

Q' i v « · " u « "T"Plb %, ?" , , • bz , "t ff>Aar", E" jz" 2_n , "b " b Y "rY b ^•, • `i•
T"Plb · b?•<i• nzY "b, ib , •G , "p,•?ib> "P^Gjz">

e>W"Y ^", ?z, a•, b •Gy•Y ", ?b p"Gb •, ?"t
•G, Y ", ?"5^brG•, " • <, ?" `G\$, i, G• i"
Y bib jz" • rz^", p\$G "z, E• i• Y "rY • "rt
?"• Eb?•i• ^•, • b p"G" G `G ", ?">] r"
• ?" « b^•`• »•, ?" ^•, bd ^•, • i"? " `?•, br
•Gbr , "p,•?ibrY •Grp,•`br>

ˉ> ; , b`z, " • rGz•Eib "Y jz" b`b,, " , "T"Plb
?b?•<i• <Y " Y "E• b •, ; z b GY G" 2_n>

m>A jz" Eb`" ", ?", i" ^b, •, ; z b GY G"R

6> } •<z< b \$, iG" i" , "p,•Eib i• <, ?"
`G\$, i, G•• ^•, ?G, i" 2<sub>n</sub> ", `b, ?, •ib •`GY •>
A@Wup•E•• ^•, b^•;•Eib i" ", br " ", `b, t
?, " "rr" , "rz<•ib `bY bu

,_n I >>>>>>(>>>>>> »f-d

••a"« [u J •ibr "P^", GY ", ?•Gr i" rG 2_f " rG 2_Q
^•, • zrb , b 7 7 K>

G	rG 2 _f	rG 2 _Q	• Q	• v	• l a -	& v ^Q
f						
Q						
-						• I >>>>>>(>>>>>>
[						
...						a I >>>>>>(>>>>>>
e						
* ^w _{Gf}						

fH> ; bi" "PG?G , "T"Plb ?b?•<jz•, ib • <Y
^•rr• i" zY Y "G Y ", br , "p, G ; ", ?" ^•, •
zY Y "G Y •Gr , "p, G ; ", ?" »_{,f} ¥ , qdR fzrt
?Gjz">

H>fH " ' ; " « % " w } %v ç %aun "Gi"
7 • <zr

H>fH>f A a ç " ? E b

t } b, r ? • ? • E • i • n "Gi" 7 • <zr ^ • , • ; b • , t
G • i b, "r?

t « "r ^ b r ? • i b U b ? b t J " ? " ^ b, >

H>fH>Q 7 • ? " , G • < z ? G G • i b

t f } • , y b i " n z Y

t Q ^ b • , G • i b, "r

t Q @ • r " r ^ • , • ^ b • , G • i b,

t f 7 • r ^ • , • >

t f 7 z < ? Y " ? , b >

t f U b ? b t i " ? " ^ b, » n J « d

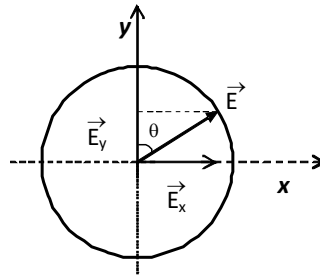
t f • , G y b b ^ ? G b ; • r ^ b

t f U G b ^ b Y " ? , Y G • G r a • , • , •

H>fH> • " b, G

v ? " ^ , G • Y • G ^ b Y z Y ^ • , • r " b a ? " , < z Y ^ b t
• , G • i • " • ? , • E " r i • z ? G G • E b i " ^ • < ^ r ^ b t
• , G • i b, • r > K z • , i b p Y " Y b r z Y p " P " i " < z Y
G ^ G G, r b a, " z Y • i " r ? • r ^ • < ^ r 5 • r b, i • r ^ z ^ r
E " b, " r ^ Y ^ b " < ? , G b E G a, • Y " Y z Y ^ • , b
^ • , • < ^ b • z Y • ^ " , ? • i G " E b » " P b i " ? , • , r t
Y G r b i • ^ • < ^ d r b ? , • , r Y G G • r " • r b, i • r 5
^ z ^ r E " b, " r ^ Y ^ b " < ? , G b E G a, • Y " Y b z ? , • r
i G " E b r 5 r b • a r b, E G • r > w • U G z, • m 5 • ^ • < ^ •
^ b • , G • i b, • » b z ^ b • , G • i b, d " r ? • ^ b, ? G • , b
^ • < , b i • ^ • ; G • " • i G " E b i " ^ , b ^ • ; • E b i •
b, i • " b, b, b, • < • " r ? " ^ • , b >

v b, i • G ^ G " , ? " 5 , b t ^ b • , G • i • 5 ? " Y z Y
i b r r " z r ^ Y ^ b r " < ? , G b r E G a, • , i b " Y z Y



U G z, • m u ç " b, ^ Y ^ b " < ? , G b G ^ G " , ? " , z Y
i • i b G r ? , • ? " >

^ • < , b i " E G a, • E b • , a G, • , G 5 , " ^ , " r " , ? • i b , •
" ; z, • ^ • b E " b, " > " r ? " E " b, ^ b i " r " , i " t
^ b Y ^ b r b " Y i z • r ^ b Y ^ b, " , ? " r u

"_p I " r G 2 G > » f [d

"

"_q I " ^ b r 2 G > » f .. d

i b, ? • , b 5 b Y " , ? " • ^ b Y ^ b, " , ? " " r " , •
? , • , r Y G G • 5 z Y • E " Y j z " b ^ b • , G • i b, • a t
b, E " , • • ^ b Y ^ b, " , ? " " P >

W " ^ b b ^ • , Y b r z Y r " ; z, i b ^ b • , G • i b, 5 i "
? • < b, Y • j z " • < z Y 5 i " ^ b G i " G ^ G G, r b a, " b
^ , G " G b 5 • ? G • ? • Y a " Y b r " ; z, i b ^ b • , G • i b,
» U G z, • 6 G ^ b i " , " Y b r b a r " , E • , b r " ; z G ? " u

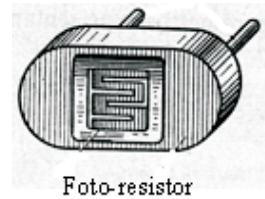
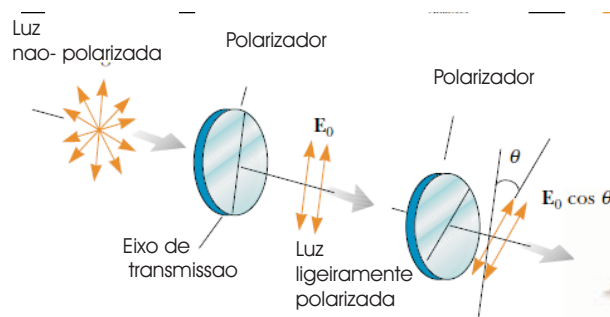
f > W " , i b " _ y • • Y ^ G z i " i • < z Y ^ • , b t
^ b • , G • i • j z " • ? G ; " i q 5 • • Y ^ G z i " i •
< z Y j z " b • ? , • E " m • , • r " , • " _ y ^ b r 2 5 b, i "
2 " b • , ; z b " , ? , " b r " P b r i " ? , • , r Y G r b
i b r i b G ^ b • , G • i b, " r >

Q > } b Y b • G ? " , r G • i " % i " z Y p " P " < z Y G
 , b r b " ^ , b ^ b, ^ G , • < • b j z • i , • i b i • • Y t
^ G z i " i • b, i • 5 ^ b i " Y b r " r ^ , " E " , u

% I L " _ y ^ » b r 2 G > » f e d

w " r ? • " j z • E b 5 L " z Y • ^ b, r ? • , ? " i " ^ , b t
^ b, ^ G , • G • i " > v n G 5 ? " Y b n u

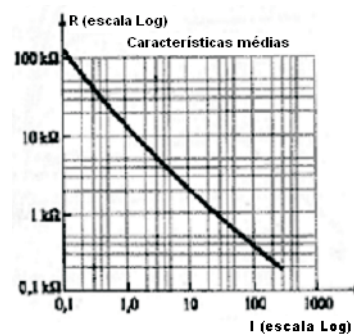
% I % _ » b r 2 G 5 » f ^ d



UQz,• fHu }b,";z,•EAb ?\$G• i" zY pb?bt
i"?"`?b,>

UGz,• 6u ;b◀,Y•ib i◀ ◁Y z◁GY,ib ib◁ ^bt
◀,Y•ib,"r>

jz" " • `Y•Y•i• n"Gi" 7 •zr5b,i" %q
" b E•b, Y •PGY b i• G?",rG•i" i• zY
?•,rY GG• ^" b ^b<•Y•ib,>



H>fH>[Ub?btJ "?"`?b,

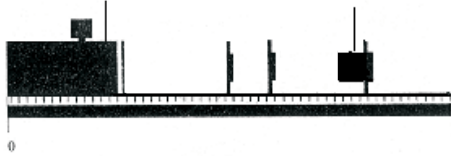
j , • , E" , G" • , Y br • n " Gi" 7 • z r 5 ^ , " G • Y br
Y " i G , • G ? , , r G i " i • , i o G b b ? , , r Y G G •
^ " b ` b , z , b i " ^ b < , G i b , " r > j , • , " p " z • ,
" r ? • Y " i G • 5 z r • Y br z Y i " ? " ` b , r " , r E " < •
z Y 5 ` b Y z Y " , ? " i " r G , i b ` b Y b p b ? t i " ? " ` b , >
A p b ? t i " ? " ` b , z r G G i b , b " P ^ " , G " , b "
z Y i G ^ b r G G b r " Y G b , i z b , i " i b G ? " , Y G
 , • G ` z b , " r G ? , ` G E • , G ` b Y • G ? , , r G i " i •
z Y 5 • Y a " Y ` b , y " ` G b ` b Y p b b , " r G b , > " , t
 ? , " b r Y • ? " , G G Y • G z r i b r , " r ? " r i G ^ b r G G b r
" r ? b b r z p " b i " ` i Y G » } i W d " b r " < , " b i "
 ` i Y G » } i W " d A ? " Y ^ b i " , " r ^ b r ? • i b } i W
 " " Y b , b i " f H H Y r 5 " ^ • , b } i W " 5 f H Y r > v
 U G z • H > H > [Y br ? • z Y p b ? t i " ? " ` b , r E " G b >

v UGz,• ff Y br?,• • ,r^br?• ?\$G• i"
zY• `^z• pzb ,rGFE i" } iW>v,• G,ib
• UGz,• H>fH>[5,b?• Y br<^,• Y ",?" jz" • ,t
rG?,"G i"r?" iG^brGFEbE• G Y "iG• jz"•

UGz,• ffu « "rG?",`G Er G?"rG•i" "Y "r`••
b;•,SG•ba?G•^•,•zY pb?bti"?"b,>

G?" ,rG"i" i • <Y G `G " ,?" rba , " "<" ?•Y a"Y
E•,G> J "r?• pb ,Y •5 " ^br"£" <Y "iG,Y br G iG
 ,"?•Y " ,?" • G?" ,rG"i" i • <Y5 • ^• ,?G i•r
Y "iG•ri" , "rG?" , G> ; • ,• i"?" ,Y G • ,• i"t
^" ,i" ,`G i• , "rG?" ,`G "Y pz ,£•b i•G?" ,rG
i•i"5i" •`b ,ib `bY •UGz ,•H>H>[5^bi"Y br
"r` , "E" , jz"u

$$\gg b; \ll 1 \quad b; \ll \overset{i}{d} I \quad 1 \gg - | [d] b; \% 1 \quad b; \% \overset{i}{d} \gg fmd$$
$$[\mathfrak{b}; \ll | \ll^i I \ 1 - \mathfrak{b}; \% | \%^i \gg f6d$$



UGz,• fQu"rjz"Y • "P^",G " ,?<

% / f|«^[1]-> »QHd

H>ff i ,b`"iG " ,?b "P^",G " ,t
?<tn"Gi" 7 •<rz

f>7 b,?" b `.,y**b** i" <Y5 `bY • Y•r`.,•
`.,?,i• ,b b,G**G** i• p**b**,?"5 " b p**b**bt
i?"`b, »UGz,• fQr"Y br`b•,G•ib,"rd

Q>nGz" b `.,y**b** i" <Y " •<rz?" b
Yz<Y "?b ^.,• 7 "iG•i" « "rG?",`G>

->}bY b UG @.,.,•|@.,.,• `b**b**jz"
"Y `z,b br?",Y G•G i" Y "iG• ib
Yz<Y "?b "p**f**• b •<rz?" i" 8",b i• "rt
`•• "r`b**y**G•>

v?",**b**u "r?" •<rz?" i"E"r", ,,"p**G**b
?b i• E"Y jz" • "r`•• p**b**, Y zi i•>

[>}b, "`?" br?",Y G•G ib Ub**b**ti?"`b, ,b
Yz<Y "?b> »w**b** G ^b,?• • ^b•,G•i"d
" •<rz?" • ^b**r**G**b** ib "•Y",?b i• p**b**,?"
i" Y bib • ba?", • Y•G, G?",rG•i" <t
Y G br ^b**r**G<»Y",b, «d•zY • iG?,`G
i" QH Y>

...>7 "f•• , "rG?",`G u

<_H I >>>>>>(>>>>>> »Qfd

»"r?" E•b, ' •mb`Gib ¶ G?",rG•i" %_H i•
<Yd>

e>%?,bizY• •;b,•5 zY ^b•,G•ib, ",?," •
p**b**,?" <Y G br• " b p**b**bt i?"`b,> U•f••
Y "iG• i• « "rG?",`G>

<_f I >>>>>>(>>>>>> »QOd

»"r?" E•b, ' •mb`Gib ¶ G?",rG•i" % i•
<Yd>

K] "W• **k**A fu v G?",rG•i" % i•
<Y5 ^br b ^b•,G•ib,5 `G ^.,•
...HP ib E•b, b,G•G•< %_HR "r?", "t
rz<•ib ' "r^",•ibR J G•u zr" •
"jz•**f**b QH

->}b**b**jz"Y •GzY ^b•,G•ib, ",?," •p**b**,?"
<Y G br• " b p**b**bt i?"`b, »UGz,• fQd

m>v G y" b "G**b** i" ^b•,G•**b** i" •Y a b r i"
Y •, "G•jz" b Y z<Y "?b, ";G?",•Y",b,
,"rG?",`G ^b**r**G<wb?" jz" • Y",b, "t
rG?",`G `b,,"r^b,i" • Y•G, G?",rG•i"
i" <Y »H^",?," br "G**b** r i" ^b•,G•**b** d

6>U•f•• Y "iG• i• « "rG?",`G u

<_Q I >>>>>>(>>>>>> »Q-d

K] "W• **k**A Qu }bY ^.,• br E•b,"r
ba?G br ^.,• «_f " «Q> A jz" b`b,,"
`bY • G,?",rG•i" i• <Y •^br ^•rr•,
^"b Q^b ^b•,G•ib,R "r?", "rz<•ib ' b
"r^",•ibR

fH>] r"b E•b, Y "iG b, b G"Y »di•Q' ^.,•?"
`bY b E•b, G G<•mb`Gib ¶ G?",rG•i"
%_H ib `b, <z, ?b>

ff> i•,G' i" fH "Y fH ;,•zr b •,;z b ",?,"
br "G**b** r i" ?,•, rY G**b** b ib r ^b•,G•ib,"r
" •,b?"5 ,• •a"• a•G**b**5 br , "r^"~G**b** r
E•b,"r i" « ib p**b**bt i?"`b,>

fQ> i ,"" ,`y• • ?•a" <• •a•&b>

2»bd	« »AyY d	% %qI »« q « d	% %qI `br2 ^Q
H			
fH			
QH			
-H			
[H			
..H			
eH			
⌊H			
mH			
6H			
fH			

f-> • ,•`" br ; ,•" `br%|%q P 2» ; ,•zrd?"b,Gb "
"P^",& " ,?•< ,b Y "rY b ^•^"< " , • Y "rY •
"r`•<>
K] "W• ⚡A -u A , "rz <?•ib "r^" ,•ib
pbG•<• ,&•ibR i b , jz"R

H>fQ " ' i " « % " w } %v ç %au %, t H>fQ> . " b , G

? " , p " , " , ` G " J Q , • E b

H>fQ>f A a ç " ? E b

t v , • G " 5 " G ? " , ^ " ? • E b ? " b , G • i b
p " , b Y " , b i " G ? " , p " , " , ` G " i Q , • E b ?

t A a r " , E • E b i b p " , b Y " , b i " G ? " , p " , " , ` G
" i Q , • E b ?

t J " ? " , Y G • E b " P ^ " , G " , ? • < i • < , ; z , • i "
z Y • p " , i • 5 z r • , i b b ^ • i , b i " i Q , • E b
b a ? G b ?

t J " ? " , Y G • E b " P ^ " , G " , ? • < i • i G ? , ` G
" , ? " p " , i • r 5 z r • , i b b ^ • i , b i " G ? " , t
p " , " , ` G b a ? G b ?

t } b , r ? • ? • E b i • G ^ b , ? , ` G i • ` b " , " , ` G b , i "
i • p b , ? " i " < Y ?

t A a r " , E • E b i b p " , b Y " , b i • , " i " i "
i Q , • E b ?

t A a r " , E • E b i b ^ , G ` \$ G i " @ • a G " ? >

t A a r " , E • E b i • i Q , • E b " G ? " , p " , " , ` G i "
z Y " b " , b » " b i " ` • a " b d >

H>fQ>Q 7 • ? " , G < z ? G G • i b

t f < Y a , • , ` • " f Y b , b ` , b Y • ? G • » • r " , d 5

t ` b , ç , b i " r G " r ` b Y p " , i • r 5

t f ? , " , • i " Q Y " ? , b r 5

t f • , ? " ^ • , b ` b Y r z ^ b , ? " 5

t f ^ b , ? • r G " ` b Y r z ^ b , ? " 5

t f } J 5

t f < Y G • i " E G , b 5

t f " b " , b i " Y " ? • <

v ^ , " r " , ? • , " Y b r • r " ; z G z Y a , " E " , " r z Y b i •
^ • , ? " ? " b , G • " , E b E G • , • r " P ^ " , G " , ` G r i "
i Q , • E b " G ? " , p " , " , ` G > ] Y • i " r ` , E b Y • G
i " ? • Y • i • r b a , " b • m z , b ^ b i " r " , " , ` b , ? , • i •
 , b E , b ? " P ? b i b ` z , b >

J Q , • E b u

W z ^ b , y • z Y • p " , i • i " < , ; z , • 5 G z Y G • i •
^ b , z Y p " G " i " < Y i " p b , ? " Y b , b ` , b Y • ? G •
i " ` b Y ^ , G " , b i " b , i •) > ; b i " r " , i " Y b , t
r ? , i b j z " • i G ? , G z G b i • G ? " , r G i " i • < Y
r b a , " z Y ^ b , b i b • , ? " ^ • , b 5 b ` • G • i b ^ " b
6 , ; z b 2 5 i • i • ^ b , u

$$\% I \%_{\text{H}} \frac{\% G - \% Q}{-} 5 \quad \gg Q[d$$

$$- I \frac{D \bullet}{) \% G 2 >} \quad \gg Q..d$$

w b ? " j z " %_{\text{H}} " • G ? " , r G i " ` " , ? , • < , b • , t
? " ^ • , b > W " ; z , i b • " j z • E b Q [5 • r ^ b r G b " r
r b a , " b • , ? " ^ • , b " Y j z " • G ? " , r G i " i • < Y
r " , • Y " , b " r ? • b • n b ` G i • r • ` b , i E b u

$$\% G - I H I \# - I Y D 5 \gg Y I f 5 Q 5 - 5 \gg d \gg Qed$$

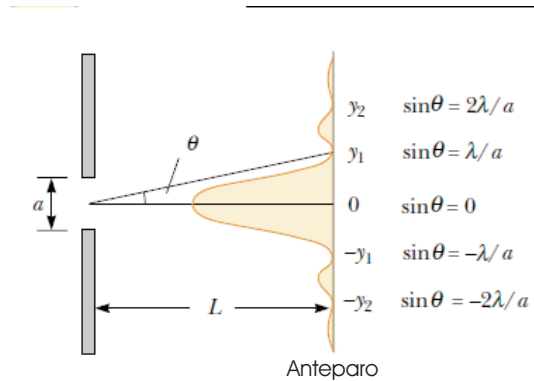
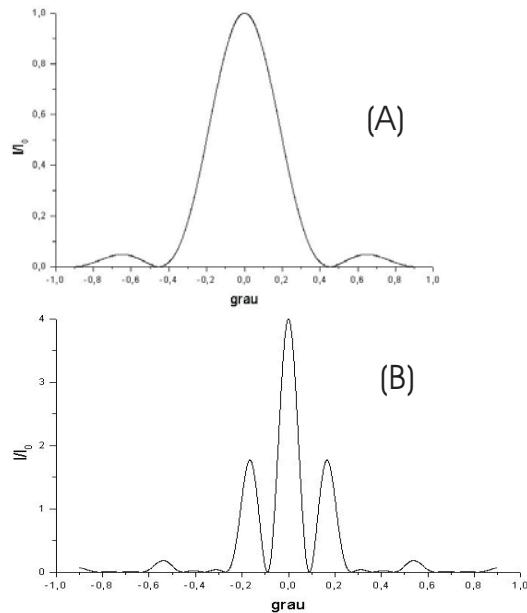
" r ? • Y " r Y • ` b , i G b ^ b i " r " , " P ^ " , m • ` b Y b u

$$\bullet \% G 2 I Y) 5 \gg Y I f 5 Q 5 - 5 \gg d \quad \gg Q^{-}d$$

A r Y • P G y b r r " ` z , i • , G r " r ? b b ` • G • i b r
• • ^ , b P G • i • Y " , ? " Y " G i G ? , ` G " , ? , " i b G
Y \$, G y b r ` b , r " ` z ? E b r 5 b z r " • u

$$- I \gg Y l f | Q d \quad \gg Qmd$$

v r U G z , • r f - > » d " f - > » a d Y b r ? , • Y b r ; , • " ` b r
i • r " ; z , • r i " i Q , • E b i " U , • z , y b p " , 5 j z • , i b
• ? , • E " m • Y b r z Y • z , G • p " , i • ` b Y z Y • r " , i "
y " G b t , " b , G ») I e - Q m G d " ^ , b G ? • Y b r • < Y
i Q , • ? • i • r b a , " z Y • , ? " ^ • , b ` b b ` i b • z Y •



$$UGz, \bullet f[u \text{ "rjz"Y} \bullet \text{"P"}^{\wedge}, \mathcal{X} \text{ "}, ? \bullet \diamond$$

W" z?G?Y, Y br Y • G? i" zY • p", i • 5 b
p", bY " , b bar", E • i b r", • b i" G? " , p", " , ` Q >
K z • , i b z r • Y br 5 " Y zY Y " rY br G " 5 w p", i • r
» w I f 5 Q 5 - 5 » » 5 r " ^ • , i • r ^ b, zY • i G? • , ` Q
i 5 • G? " , r G " i" i • « Y r", • i • i • ^ b, u

UGz, • f - u ; • i , k " r i" i Q , • E kb ^ • , • p", i • r ` bY
w I f > A r E • b, " r i • r • , ; z , r " r ? b i " r", G b r , b
?" P ? b

$$\% I \ \%_H \gg \frac{rG - w^x}{-} \frac{rG w C}{rG C} \sim Q \gg Q6d$$

i G? • , ` Q J I Q 5 ... Y > v • , ; z , • i • p", i • • I
H > H Y Y ^ • , • UGz, • f - » » d " • I H H m Y Y
^ • , • " ; z , • f - » a d A " r j z " Y • i" Y b, ? • ; " Y
" r ? • i " r", y • i b • r"; z G >

b, i"

$$- I \frac{D i}{) } rG \ 2 \gg Hd$$

K z " r ? k " r m b a , " • ? " b , G » i Q , • E kb du

w b ? " j z " ^ • , • w I f , " ` G , " Y br , • Y " rY •
" P ^ , " m b i b p", bY " , b i • i Q , • E kb >

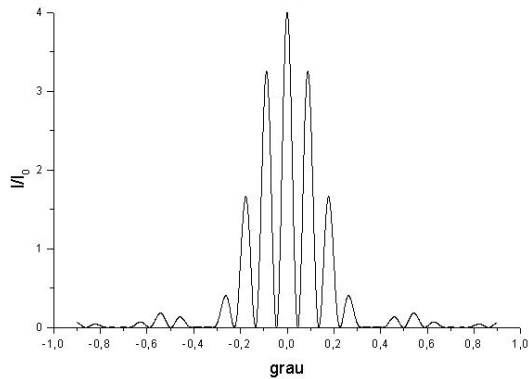
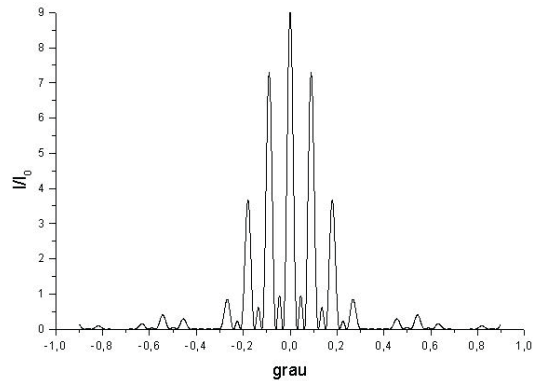
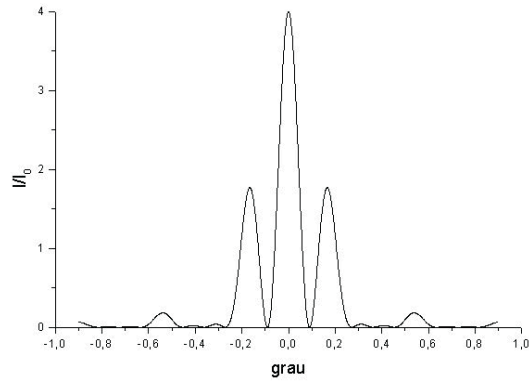
f > } • < z < " 5 • ^ • , ? G i • " j z • E kb Q [5 ^ • , • b
• , ; z b 2 I H 5 b E • b, i • G? " , r G " i" i •
« Y " b E • b, i" Y ` b , , " r ^ b, i", ? " > K z • <
• ^ b r G b ` b , , " r ^ b, i", ? " , b • , ? " ^ • , b R
» p Y", " Y ` • r o d

J " • b, i b ` bY • " j z • E kb Q 6 5 • G? " , r G " i"
i • p , • , • " , ? , • < , b • , ? " ^ • , b " w %_H 5 b z r " • 5
• G? " , r G " i" " , ? , • < ` bY w p", i • r " w ^ E " Y r
Y • G G? " , r • i b j z " • i" zY • z , G • p", i • > " Y
` bY ^ " , r • E kb 5 • • , ; z , • i " m p , • , • " , ? , • < "
a " Y Y • G " r", " Q • 5 ` bY b E", " Y br • r"; z G 5 ` b, t
? • , ? b • p , • , • " a " Y Y • G i " " , G " " Y ? " , Y br
i" ^ b r G b >

Q > % , i G j z " , b " Q b i • r • a r ` G r • r i • r UG t
z , • r f - » » d " f - » a d 5 • r ^ b r G b " r ` b , , " r ^ b, t
i", ? " r " Y i G? • , ` Q • Y I f 5 Q 5 - 5 " br
E • b, " r ` b , , " r ^ b, i", ? " r i" - > » p Y", " Y
` • r o d

f > 7 br ? , " 5 • ^ • , ? G i • " j z • E kb Q 6 5 j z " ^ • , •
w I Q • i G? , G a z b i" G? " , r G " i" i • « Y
r b a , " b • , ? " ^ • , b " i • i • ^ " b p ? b , » b r C ^ d
Y b i z • i b ^ " b p ? b, i" i Q , • E kb > » ^ • , •

% , ? " , p", " , ` Q u



UGz,• feu ;•i,k"ri" iQ,•Ekb ^•,• zY `b,ç,z,`b
`bY w I -p",i•r>

p",,`Q ba?Gb ^•,••rY "rY •r `b,iGb"r
GiG•i•r^•,••UGz,•f...»ad jz•,ib•zt
Y",?•Ybrb,zY",bi"p",i•r^•,•w I ->
wb?"jz" ",?,"ib&Y•PGY bri" f•b,i"Y
•^•,"`" zY Y•PGY bi" Q•b,i"Y>v ^•,t
?G ib ,zY",b i" Y•PGY br i" Q•b,i"Y
»w_Qç",?,"ib&Y•PGY br `b,r"z?Ebr i"
f•b,i"Y 5^bi"Y br i"?",Y G•,b ,zY",b
i" p",i•r»w d^"•,"•Ekb u

UGz,• f..u ;•i,k"ri" iQ,•Ekb ^•,•w I Q> vr
◊,;z,•ri•rp",i•r"r?b GiG•i•r,b?"P?b>

p•Y", "Y `•r•d

w I w_Q l Q> »-Qd

% I >>>>>>>>>>`brCd^> »-fd

v iG?,GazGb i" G?",rGi•i" i" çY rba,"
zY •,?"^•,b5 `bb`•ib • Q5.. Y ib rGi"5
jz•,ib iz•ri" rz•rp",i•r rkb •?,•E"rt
r•i•r^b,zY ◊r",i" y"Qt,"b,Gb5"r?b
,"^","r",?•i•r,•rUGz,•rf...»d `bY • I
H>H Y Y " i I H>H Y Y? " f...»ad `bY
• I H>H Y Y " i I H>[H Y Y>

Q>%iGz" ,b "Gb i•r •ar`G•r i•r
UGz,•rf...»d " f...»ad •r ^brGb"r
"Y iG?•,`Q `b,,"r^b,i",?"r •
- I D5QD5-D>>>?" C I D|Q5-D|Q5.D|Q>>>>

->v UGz,• fe Y br?,• b ^•i,kb i" G?",t

```
7 "b",b^i,b;","ib^.,b rG" f[ b
,bi";z,p,Y.i5.iG?,"G","?",b
rG" "b.,?"^.,b "i"?,"YG" biGY"?b
ibb,GGbi"r"? rG">
```

G I >>>>>>>>>>>>>>> »...d
->%,"p"," ,`G ^b, iz•rp", i•r»rGi"r
[" ed

Aar"E" `b,?, • «Y jz" br rGi"r [" e
`b,?"Y - ^•,"r»w I Qdi"p", i•r> ; bç?"
rba,"b •,?"^•,bb ^•i,b bi"G?", p", ", G
^•, • `i• ^•.,> Aar"E" jz"5 ^•, • b rGi"
[5 b ^•i,b Ybiz<i b, i" iQ,•Eib ^•,t
Y •, "" `b,r?•,?" »• I `b,r?•,?"d Aat
r"E" •;b, • b ^•i,b ^•, bizYib ^•" b rGi"
e>

", `b,?," • ◀;, z, • " • iG?◊, G ", ?," • r
p", i•rib ↗ `b, ç, ?bib rGi" e>

[illegible]

i I >>>>>>>>>>>>>>> »^{-d}

[>%,?"_p",",`G ^b, p",i•r Y z<?G <•r
»rG "r 6d

```
}b,ph,Y "Eb`^bi" E",G`.,by.,ib`b,t
?,. <Y5b ,zY ",bi" p",i.orzr.rib ,brG"
6 "E.,Gib>Aar",E" .rE.,Gr";z,.rba?G
i.or`bY "r?" rG"> %,iGjz"5 "Y bi"Y
`,`r`,`,"?5jz.<b ,zY ",bi" p",i.or^.,.
`i. b, <z, bi" .r5`b, G.or , "r?" rG">
```

}bYb Eb` ^bi" ba?",5 • ^,?G ibr
^i,k`r;" ,ibr ^`b rG" 65b ,zY` ,bi"
p` ,i.rGzY G`i.r rG z`?, "y` ,?"R

$$R_{\text{G}} \approx \frac{\lambda}{2} = \frac{c}{2f} \approx \frac{300}{2 \times 500} \text{ m} = 0.3 \text{ m}$$

...> « "i" i" iQ,•Fib

J" •`b,ib `bY • p,Yz• i" p",i•r
Y z`G`r i• "jz•Fib Q65 jz•,ib b p`Q"
i" <r",GzY G•w p",i•r5•G?",rG,i" i•
p,•,••zY ",?" "Y w^Q" ••,;z,•i•p,•,•
"r?,"G• "Y f|w i"Q•,ib»w 1 QdY •PGY br
r"z,i•,Gbr> "EG",?"Y ",?"5 ^•,• ^bi",
GzY G•, zY ,zY ",bw ;,•, i" i" p",i•r5
• iG?,`G i ",?, " p",i•r i"E" r", a"Y
^"jz",> J"m• p,Y•5 • r"^•,Fib ",t
?, " p,•,•r5`•<z•i• ^b, G?",p",",`G i"
p",i•tiz^•5•zY ",?• i,•r?G•Y ",?"5 " •
•,;z,• i" `•i• p,•,•r" ?b,,• `•i• E"Y
Y•G`r "r?,"G•> i,•• w YzGb ;,•, i"5
?"Y br zY •, "i" i" p",i•r5 bz zY •, "i"
i" iQ,•Fib>w "m" `•rb5••,;z,••,;z•,5
iG^",rb5", "rb<Fib rb i•ibr ^b,

F2 I) |w i`br2 »md

F2|F) I ?•, $\frac{2}{}$ »6d

« I) |F) I Y ,i•w »[Hd

] r" zY } J `bY b, "i" i" iQ,•Fib ^b, "t
T"Ph5pY GQ,G•r" `bY •r^,b^,Gi•i"r
i•, "i">

e> J Q,•Fib `bY <Y a,•,`•t} b",",`G
"r^•`G<

w•G?"p",",`G i" p",i•tiz^•5•rp,•,•r
•^•,"`Y ,b•,?"^•,bi"EGib •`b",",`G
i" pr" ",?, "•rp",?"r i" b,i• jz" Gt
`G"Y ,•rp,i•r> "m•`b",",`G "•m"t
;z,•i• ^"b p`?b i• p,b,?" i" <Y r", zY
•r",> i,•• iQ,•Fib 5•`b",",`G i" pr"
"Y ?bibr br ^b,?br ,• r"Fib ib b,G\$G
?Y a"Y "•m";z,•i• ^"b zrb ib p`Q"
ib •r",>] Y • <Y `bY zY ,rb ?",`G "m•
`b",",`G i" pr" ,br ^b,?bri•p",?" i"

b,i•>;b,"Y 5r" i" <Y G•Y br•zY •^•,?"
^"jz",• i•p",?" i" b,i•5 ^b, Y "G i"
zY b,G\$G5bz i" zY •p",i• "r?,"G•5bz
i" zY •p",i•tiz^•5•G`b",",`G i",?b
i"m• ^•,?" i• rz^",p\$G ^bi" r", Y G G
Y G•i• i" ?•<p,Y•jz" ^bi"Y br ba?",
iQ,•Fib "G?",p",",`G>

nGz" •p,b,?" i" <Y a,•,`•5" ^•,• ba?",
Y "yb,"r,"rz?•ibr5zr" b rG i" p",i•r
Y z`G`r pz,`G,•,ib `bY b zY •, "i"
rY ^<r i" iQ,•Fib > J "EGib • ^bz`•Gt
?",rG,i" i" <Y z`G•i•5,rb r",• Y•G`r
^brE"<^,bG"?•,•";z,• "Y zY •,?"^•,b>
;brGQ," b rG i" p",i•rY z`G`ra"Y
Gz,?b ib bY b5 `bY •rp",i•r ,b Y "rY b
r",?Gib ib "•Y ",?b i••Y ^•i•>Aar",E"
•r G•;,"r EG?z•G i•r p",i•r jz" rb
^,bG"?i•r ,•,"?G• `bY b G•;,"r ,•G>
A •^•,"`G ",?b i•r G•;,"rY z`G`r rib
"•Y ",?b `b",r^b,i" •b , "rz?•ib a"Y
rz`"iGib i• iQ,•Fib >

Kz•<"•G ^b,?•,`G i•`b",",`G ibp`Q"
G`G",?"^•,••p,Y•Fibi" zY ^•i,rb i"
G?"p",",`GR

^>A i ,G`\$`G @•aG ""?

] Y p`Q" i" <r", G`G" iG"?•Y",?" ,b
•,?"^•,b" i"Q•zY •,;G`G`z•,GzY G
,i•`bY ,G«H>v iG?,GzG`bi" G?",t
rG,i" %H»2db,i",rb ",z•" `b,rG",i•
•G•; "Y ib •r", i" •`b,ib `bY •b^?G•
;"bY "?G•5" •,;G`b b,i" •G?",rG,i"
",z•" `b,rG",i••rbY a,•ib •r",
`bY ,G Y•G, jz" «H i" •`b,ib `bY •
b^?G•;"bY "?G•>W•a"Y br jz" G?",`^t

?•,ibbp"Q" ^b, zY ^•,bb^•b`bY zY
 ^"jz",b b,G\$G ,b Y "G ^b, b, i" ^m•
 b <r", ^,bizY zY • iQ, •Eib ,b •, ?" ^•,b
 `bY • iG?,GazGib i" G?",rG i" %»2di"
 •b,ib `bY • b^?G• p\$G> A ^,G`\$G
 @•aG "? •",Y • jz" b `bY ^<Y ", ?b i"r?
 r?z•Eib ?•Y a"Y " E",i•i"Gb> %?b`5zY
 iG`b b^•b`", ?•,G•ib »jz" " b `bY t
 ^<Y ", ?b ;"bY '?G b ib b,G\$G dG?", ~"t
 ?•,ib zY • ^"jz", • ^•, ?" ib p"Q" ^,bizY
 zY • iQ, •Eib ,b •, ?" ^•,b " ?"Y zY • iGt
 ?GazGib i" G?",rG i" O%»2d1 %»2d O
 jz" " G", ?G•••, ?", G, , •, ;G b i•rbY t
 a, • ;"bY '?G•>

m>A ^b, ?b a,Gy•, ?" i" U,"r, "<7 •,`•
 zY ^"jz",b ^b,?Gyb ^,"?b5 `bY iG
 Y",rbb Y",b, jz" • r"Eib ib p"Q" i"
 <r",5, zY • <Y G • i" EG,b> }", ?•,G•
 b ^b, ?b "Y ", •Eib `bY b p"Q"> A ^b, ?b
 b^•b a b jz"G b <r", " ^,bG"?• zY • rbY t
 a, • ;"bY '?G• ,b •, ?" ^•,b> ;b,"Y 5,b
 ~", ?b i"m• rbY a, • ^,"r", ?• zY ^b, ?b
 a,Gy•, ?" jz•,ib • p", ?" i" b,i•ib <r",
 " `b,rG",i• ^•, > "r?" ^b, ?b " `b,t
 y"Gb `bY b b ^b, ?b a,Gy•, ?" i" U,"r, ">
 v <Y i"m" ^b, ?b ~", ?•,5?"Y ?•Y a"Y zY
 ^•i,bb i" iQ, •Eib , • rbY a, • ib ^b, ?b
 b^•b", • rbY a, • ib <r",> "m• ";z, • i"
 iQ, •Eib ^,bizYG• ^b, zY bar?•`z b ?"Y
 • Y "rY • , • ?z,"Y • i• iQ, •Eib ^,bizYG•
 ^b, zY b,G\$G> "m• iQ, •Eib " i"EG b • b
 ^,G`\$G @•aG "? ^b,jz" b `bY ^<Y ", ?b
 i" zY ^b, ?b b^•b` zY b,G\$G ?•,r^•,t
 ", ?" i• Y "rY • iG ",rbb>

6>J Q, •Eib ^b, zY "b ;bi" `b,"Y •,
 ?•Y a"Y b ^,G`\$G @•aG "? `b b`•,ib zY
 "b ",b b^•b `bY ,G , ?•,rE",r< •
 iG"Eib i• ^,b^•;•Eib ib p"Q" i" <r",

`bY r"Eib `G`z<, i" ,G « > ,> A "b
 iEG" • r"Eib ib p"Q" "Y iz•r ^•,?"r
 Gz•G r i" Y "Gtz>]Y • ^•, ?" , • "rt
 jz",i• "bz?, • ^•, ?" , • iG"G•5r^•,•i•r
 ^b, i I » l ,d p,Y •,ib zY • p",i•t
 iz^•> v <Y i" y•E", • iQ, •Eib ib "b
 b^•b G", ?G• • iQ, •Eib i" zY • p",i•
 i• Y "rY • <,z, • ,5y• p•, <r ,br ",t
 Eb> ,Gri•iQ, •Eib i"EG b • G?", p", ", G
 i• p",i•tiz^•> U•f• zY • bar",E•Eib i•r
 "r?,z?z,•r,b•, ?" ^•,ba"Y •?", ?•Y ", ?" "
 ^,b`z," ", ?", i", b ^,G`\$G @•aG "?>

fH>n•Y G, • i" @•,a"•,

Kz•,ib • <Y ^•m• ^b, zY • ab,i• a"Y
 i" ",G•5• "P?",rbb ^b, `G • i• ab,i• "
 •a", ?•5`b, ?•,G• zY • p",i• p`y•i•,br
 ibG•ibr>w"m" `rb5•p", ?" i• b,i•ib
 <r", " "p",G• " • iQ, •Eib jz", "rz?• "
 `y•Y • i• iQ, •Eib U,"r, "> A ar",E" •?",t
 ?•Y ", ?" • rbY a, • ;"bY '?G• ^,bG"?•i•,b
 •, ?" ^•,b " E" • • ?,•,rGib ^•, • rbY a, • "
 ^•, • <Y>

H>f[" ' ; " « % " w } %v ç %æa1 · , , rpb , Y • fkb i " zY ; • r • • "Y ^ " , • ?z , • } b , r ? • , ? " Q[

H>f[" ' ; " « % " w } %v ç %æa1 ; • r "r?• rzaY "Gib " b r"z EbçY "> W" , " ^ , " t
 · , • , rpb , Y • fkb i " zY ; • r r" , ? • , Y br ^ b , \$, iG " r f5Q5-5»»5 , 5 br "r?• ibr
 • • "Y ^ " , • ?z , • } b , r ? • , ? "

H>f[>f Aaç"?Eib ^fçfI ^QçQI ^-ç-I >>>>I ^ , ç , I ^?" »[fd

"r?zi• , b `bY ^b , ?•Y " , ?b i" zY ; • rE• , G , ib v , " « fkb • `GY • " E• G • , Gb , br•Y " , ? " ^ • , •
 bEbçY " " ^ , " mb5Y • , ? " , ibtr " `b , r ? • , ? " rz• ; • r " r G " • G5Y • r `bY b i " E " Y br ^ , bE• , , " r ? •
 ? " Y ^ " , • ?z , • > " P ^ " , G , `G5 ^ bi " r " , zr• i • • ^ , bPGY • i • Y " , ? "

H>f[>Q 7 • ? " , G < z ? GGY • ib ^ • , • ; • r " r " • G5 `bY b " b `• b ib • , , • r
 t • zabri " EG , b `bY " r `• • " Y ^ " , ? Y " ? , br `b , iGk " r i " ? " Y ^ " , • ?z , • " ^ , " mb ib ç abt
 `zaGbr? , • ?b , G

t ? , G " z , E " , r • ?

H>f[>[i , b " iGY " , ?b " P ^ " , GY " , ? • <

t " r ? , z ? z , • Y " ? • G • ^ • , • " P • fkb i " ? zabr ?

U " Y " • ?b , , " G • i • az , " ? • • ^ , Gb , • , ib zY •
 " , ? • Y • m • i " ; • r i " , ? , b ib ? zab i • iG " G •
 , b EbçY " ç » ç " • • UGz , • f ç v r " ; zG ,
 i " r b j z " 5 E " , G • Y " , ? " 5 b ? zab i • " r j z " , i •
 » " b i • iG " G • 5 r " , " " m • , Gd i " Y bib j z " •
 iG " , " f • i " , \$ " < ib Y " , `z , G • zY " , ? " Y G t
 ? " , E • br , " ; z • , " r > i , " " , Y • " , ?b zY • ? • a " •
 , " • Gb , • , ib b EbçY " i " • , ^ , Gb , • ib `bY
 b i " r , \$ " < i • `bç , • i " Y " , `z , G » E " , pbY • i "
 Y • , G z • fkb • a • Gbd >

t # " , • ib , i " rG • G ?

t « " ; z • " , ? , • < Y GGY " ? , • i • " G iG • ib , " r
 `b , , " iGbr ?

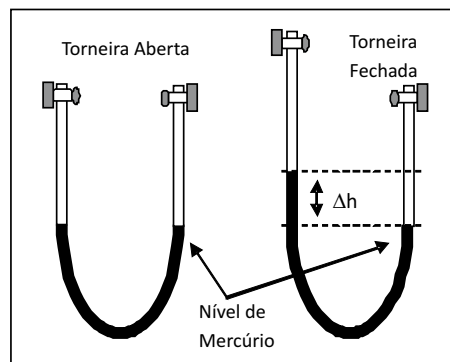
t 7 " , `z , G ?

t • " , Y bY " ? , b >

H>f[> • " b , G

UGz , • f u " r j z " Y • " P ^ " , GY " , ? • <

@b¶ < " 7 • , G ? ? " " r ? zi • , • Y b `bY ^ b , ? • Y " , ?b
 " r ? • Gb i " ; • r " r rzaY " ? Gibr • E • , G fkb " r i "
 ^ , " mb " EbçY " 5Y • , ? " , ib rz • r ? " Y ^ " , • ?z , • r
 `b , r ? • , ? " r Wz • r `b , `ç rkb " r pb , Y • Y • a " Y
 `b , y " G " n " Gi " @b¶ < " t7 • , G ? ? " u fba ? " Y ^ " t
 , • ?z , • `b , r ? • , ? " 5 b EbçY " b `z ^ • ib ^ b , zY •
 " , ? • Y • m • i " ; • r " G E " , r • Y " , ? " ^ , b ^ b , `G , • <
 ¶ ^ , " mb • jz • < b ; • r " r ? • rzaY " ? Gibr • 5b
 ^ , biz ?b i • ^ , " mb `bY b EbçY " " Y jz • ç jz " ,
 " r ? • ib ib ; • r " zY • `b , r ? • , ? " 5 ^ ç I ^ ? " 5 b , i "
 ^ " ç mb5 , " r " ? G • Y " , ? " 5 • ^ , " mb ¶ jz • < b



H>f... Ub<y• i" 7 •,G'z<•Eub u ->A jz" Eb" `b,`<Gbar",E•,ib br E•b,"r
•,•,nd,Y •Eub i" zY ;•r• i" i z R
•"Y ^",•?z,• } b, r?•,?" [>U•E• b ;,•"b i Er f|z " ^,b`z," G?","t

[illegible]

Q> }b,r?,z• zY ; ;•"b ib `bY ^,G ",?b n
 "Y p,fb ib Y bib i" EG,•fb ,> ;b,
 jz" " r^",•ib jz" "rr" ; ;•"b?",y• zY
 `bY ^b,?•Y ",?b G "•,R b,i" ; I i_H l y5
 `bY i_H i",b?,ib • ^,"mb •?Y brp",G•
 jz•,ib • ?b,,"G• i• az,"?• "r?• •a",?•>
 •bY •Y br i_H I ^eH Y Y \ ;>

$$\dot{z} \left(\& \dot{z} \gg Y^{-d} \right) y \left(\& y \gg Y Y d \right) \wedge \left(\& \wedge \gg Y Y \setminus ; d \right) f | \dot{z} \left(\& \gg f | \dot{z} d \gg Y^{1-d} \right) \wedge \dot{z} \left(\& \gg \dot{z} d \gg Y^{-Y Y} \setminus ; d \right)$$

```
...>] 2Gy zY ?",Y 6Y "?b ^,•Y "iG •?"Y t
^",•?z,••Y aG,"? ib •,5 "P^,"m•,ib r"z
E•b, "Y ~"EG ru
• I >>>>>> ( >>>>>> »[Qd
```

->W" Eb` r?zibz • Q° n"G i• ?",t
 YbiG,•Y G•5,"r`b,i•u • ?,•,rb,Y•Eb
 •,•G•i• ^bi" r", `b,rG",i• i" jz"
 ?G`bR «"E",rE"<bz G,"E",rE"R }<z<
 • E•,G•Eb i" ",?•b^G ib ;•r",?," br"rt
 ?•ibrG G G<" ",•u

& W I >>>>> (>>>>>> »[[d

H>fe "P^",G',`G%`u
 }•b,\$Y"?,b i" 7 G?z,•

H>fe> Aaç"?Eb

J"? ,Y G•, »G•`•^•`G•i" ?" ,Y G• }~. i"
 zY`•b,\$Y"? ,b" »Gib`•b, "r^"~\$`b i" zY
 ab`b i" •zY \$G>

H>feQ 7 •?" ,G<z?GGYib

` @`"Y", ` i ,bE"?• ; ,iz•i• ` @••,• `
 v ;z• ` Q?" ,Y bY"? ,br` @b`b i" •zY \$G`
 i Gf• ` }•b,\$Y"? ,b` v jz"~"ib, i" G",rb

H>fe> •"b,G

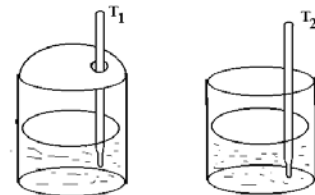
Kz•,ib zY rG?"Y• ?" ,Y biG•Y Gb r" ",t
 `b,?,• Gb•ib5 rz• "Eb<Eb "Y iG"Eb•b
 "jzG\$a,G ?" ,Y Gb b`b,,",• •?,•E"r i" ?,•,rt
 p",",`G i" `•b, ^",,•r",?, "•r iG",",?"r
 ^•,?"r ib rG?"Y•> J"m•pb,Y•5b a••,b i"
 ",",;G• ^br`b i•r•r ? ,b`•r i" `•b, K G "Y
 zY rG?"Y•`bY ^br`b i" , ^•,?"r G ^G•,•"Y
 * ;K G I K f l K o l »l K , I H>}•rb•r ^•,?"r
 ib rG?"Y•,rb "r?"•Y rzç"•r••?,•,rG"ri"
 pr"riz,•,?"•r ? ,b`•r i" `•b, ^bi"Y br"r` ,t
 "E", K `bY bK I Y &•5b,i" } I Y `••`•t
 ^•`G•i" ?" ,Y G•ib `b, ^b5`bY Y i",b?,ib
 rz•Y•m• " `b`•b, "r^"~\$`b ib Y•?" ,G•5"
 &• rz•E•,G•ib i" ?"Y ^",•?z,•>

H>fe>[i ,b`"iG", ,?b "P^",G", ,?•<

%G G Y",?" E•Y br i"?" ,Y G•, •`•^•`G•i"
 ?" ,Y G• }~. i" zY`•b,\$Y"? ,b> i,•,•?, ,?b5
 `b b jz" zY•Y•m•Y f i" •;z•jz",?" »rz",,"t
 r" "Y "azGib d ,b G?" ,G, ib`•b,\$Y"? ,b
 »E", UGz,• fmd> "r^",," b rG?"Y••?G ;G b
 "jzG\$a,G ?" ,Y Gb "Y "f• rz• ?"Y ^",•?z,••f>

%`u v r";zG•iG G,"•b rG?"Y•zY•jz•,?G•i"
 i" Y•m•Y o i" •;z•p,G »;z•;"<i•ib
 a"a"ibz,b5^b, "P"Y ^bd•zY•?"Y ^",•?z,•
 •q> v ;z•,i" ", ,?b b rG?"Y•`•b,\$Y"? ,b l
 •;z•p,G l •;z•jz",?" ",?,•, "Y "jzG\$a,G
 "Y "f• rz• ?"Y ^",•?z,• ",•<•> Jz,•,?"
 "r?" ^,b`"mb5 b`•b, r",•?,•,mp",Gb i•r
 rzar?,`Gri" Y•G, ?"Y ^",•?z,• ^•,••ri"
 Y",b, ?"Y ^",•?z,••?" b rG?"Y••<•,f•,b
 "jzG\$a,G ?" ,Y Gb> v rzY G ib jz" b rG?"Y•
 "r?"•G b•ib ib•Y aG",?" " r•a",ib b`•b,
 "r^"~\$`b i••;z•5^bi"tr" i"?" ,Y G•, }~. >
 Wz;"r?bu z?GGY" Y f I Y o I H ;>
 v• "w f b u•Y•G G z" b•jz"~"ib, pb,•
 iZ ;z•> %rb i•,G`•,•b ^•,,"yb>

UGz,• fmu "rjz"Y• "P^",G", ,?•<



W•a",ib }~.5 ^bi"Y br zr•, b`•b,\$Y"? ,b
 ^•,•i"?" ,Y G•,b`•b, "r^"~\$`b ib•zY \$G
 ~•<"Y ?"Y ^",•?z,••Y aG",?"> w"m•iG"Eb
 5Y "f• ,•a••,f••Y•m•i" zY ab`b i"
 •zY \$G"•iG G," "m" ab`b ,b`•b,\$Y"? ,b
 `b,?" ,ib zY•`",?•jz•,?G•i" Y f i" •;z•
 "Y ?"Y ^",•?z,• "<E•i•> 7 "f• ", ,?b ?"Y ^"t
 ,•?z,•i" "jzG\$a,G ib rG?"Y•`•b,\$Y"? ,b l
 •;z•l •zY \$G> viG G," zY•jz•,?G•i"
 Y o i" •;z•p,G•b rG?"Y•»rz",,"tr" •;z•ib
 a"a"ibz,bd"Y ?"Y ^",•?z,••q> "r^",," b rGt
 ?"Y•?b•••?G ;G b "jzG\$a,G "Y "f• rz• ?"Y t
 ^",•?z,• ",•<•> v rzY G ib jz" b rG?"Y•
 "r?"•G b•ib ib•Y aG",?" " r•a",ib b`•b,
 "r^"~\$`b i••;z•5^bi"tr" i"?" ,Y G•, `v<>

H>fm v i "w J %} " %au i ,b^•;•fkb
i" " ,,br

H>fm>f v <;•,GY br rG, G'••?Ebr

"Y zY • Y "iG•5 br •<;•,GY br rG, G'••t
?Ebr r b •jz"<"r Gbr "bY "•,?"Y• ib G r?,zt
Y ",?b i" Y "iG• Y •G zY •<;•,GY b izEG
ibr>"rr"•<;•,GY b izEGibr>»bjz•<?Y a"Y
" rG, G'••?Ebd "bi" r", "rGY •ib "•b b",t
•ib, ib G r?,zY ",?b »,b "•rb i" G r?,zY ",?br
•,•b;Gbrdbz i•ib iG"?•Y ",?" "•b G r?,zt
Y ",?b »,b "•rb i" G r?,zY ",?br iG?G•Gd>"Pt
"Y ^bnu

t f...5e- Y I# [•<;•,GY br rG, G'••?Ebr

t Q5eH r I# - •<;•,GY br rG, G'••?Ebr

t H5-[Y I -5[Y Y I# Q •<;•,GY br rG t
, G'••?Ebr

wb?" jz" Y",br • "rjz",i•»"bY b ,b z<GY b
"P"Y ^b•"GY d, b r b rG, G'••?Ebr5^bG^bt
i"Y r", "GY G•ibr^b, zY •?,•,rb,Y •fkb i"
z,G•i"rbz "r","E",ib • Y "iG• "Y ,b?•fkb
"G",?S"•>

H>fm>Q w b?•fkb "G",?S"•

v ,b?•fkb "G",?S"•" a•r?•,?" z?G^•,• "P^Gt
G•,Y br b ,zY "b i" •<;•,GY br rG, G'••?Ebr
i" zY • Y "iG•>v <"Y iGnb5 "<pb,, "" zY •
,"^,"r",?•fkb •i"jz•i• ^•,• ,zY ",br Y zGb
;•,i"rbz ,zY ",br Y zGb ^"jz",br>"P"Y ^t
bri" ,"^,"r",?•fkb r"Y ,b?•fkb "G",?S"•u

t H5HH[H Y I# [5H- fH¹- Y

t 6mH5-... Y |r⁰ I# 65mH-...- fH⁰ Y |r⁰

t H5HHHH...r I# ...- fH¹-r

Aar"E" jz" • ,,"^,"r",?•fkb "Y ,b?•fkb
"G",?S"•" b,r?GzGr" i" zY •<;•,GY b rGt
,G'••?Ebr •,?"r i• E\$,;z• •mb"Gib • zY •
^b?", "G i" fH "b,E",G",?">

H>fm> •,•,rb,Y •fkb"ri" z,G•i"r

v ,";•,•<i•?,•,rb,Y •fkb i" z,G•i"r
" jz" r" Y •,?" ,y• b ,zY "b i" •<;•,GY br
rG, G'••?Ebr ,b^b"mb i"?•,rb,Y •fkb i"
z,G•i"r>"P"Y ^bnu

t HH[- Y I# [5- Y

t m56Y |r I# m56 - -5eLY |y I -QLY |y>

H>fm>[v ,,"ib,i•Y ",?br

7 zG•r E"Y"r5 •b ,,"GY,Y br b^",•fkb"r
Y •?"Y •?G•r "bY •r Y "iG•r ,,"GY•i•r ,b
•ab,•?b,5 " ,""r•,b "GY G•, •<;•,Gt
Y br "P"i",?"r »,btrG, G'••?Ebd •?,•E"r
i" •,,"ib,i•Y ",?br i" ,rz<•ibr> w"r•
iG,"fkb5•^,GY "G•,;•,a•rG•" jz" i"E"Y br
"EG•, •,,"ib,i•Y ",?br G?",Y "iG,Gr5 bz
r"•5 •,,"ib,i•Y ",?br i"E"Y r", "•GY•ibr
, •"?•^•, •<ibr "•<z br5jz•,ib "r?E",Y br
ba?",ib •r jz•,G•i"r pG•r jz" ,"^,"r",t
?•Y b baç"Gb ib "P^",GY ",?b ,,"GY•ib>
Kz•,?b •b •,,"ib,i•Y ",?b "Y rG^bi"Y br
pY"tb •ib?•,ibtr" •r";zG?" ,";•u

t r" b •<;•,GY b r";zG?" •b z<GY b jz" r"
jz", Y •,?" , "b,?,•tr" ",?," HHH>> "
[66>>5a•r?• "P`z\$br>

t r" b •<;•,GY b r";zG?" •b z<GY b jz"
r" jz", Y •,?" , "b,?,•tr" ",?," ..HH>>
" 666>>5 •zY ",?•tr" i" zY • z,G•i" b
z<GY b •<;•,GY b>

"P"Y ^bnu wbr `•rbr •a•Pb5 jz", r" Y •,t
?", `by b z<GY b •<;•,GY b •jz"<" jz" "r?•
rzaGY•ib>" zY •,b?•fkb zrz•<rzaGY•,Y br
b •<;•,GY b izEGlrb i" zY • Y "iG• bz ib
,"rz<•ib i" zY • b^",•fkb Y •?"Y •?G• rba,"
zY • Y "iG•du

t m5...H I m

t m5...H I m5[

t m5...H I m5...

H>fm>.. A ^",•fkb"r `by •<;•,GY br rG, &
"•?GEbr

vbr" "p"?z•, `•<zbr `by E•b,"r "P^",GY ",t
?•G" `b,r?•,"r i"E"tr" ?bY •, `zG•ib ^•,•
,fb "P^",m•, b ,"rz<•ib `by zY ",zY ",b
i" •<;•,GY br "P^nGlb5 b jz" ,fb ?"Y jz•<
jz", r",?Glb> w"r?" r",?Glb5 •b ,"•G•,Y br
b^",•fkb"r Y •?"Y •?G•r `by •<;•,GY br rG, &
"•?GEbr5•ib?•Y br •r,";•,r •a•Pb>

viGfb " Wza?,•fkb

A ,"rz<•ib i"E" ^,"r",E•, • Y "rY • jz•,?G
i•i" i" `•r•ri"GY •G i• ^•,`•< `by Y ",br
`•r•ri"GY •G>

t >Q-5[1 ml f5....dY I -Q56...Y I --Y

t >Q-5[QQ1 m5HHdY I f..5[QQY I f..5[QY

7 z<G G•fkb " iEGfb

A ,"rz<•ib i"E"?",bY "rY b ,zY ",b i" •<;•,t
GY br rG,G'•`?GEbr jz" • ^•,`•< `by Y ",br
•<;•,GY br rG,G'•`?GEbr>

t ...5...[f- Q5H I ff5HmQ I ff

t H5[...Qv - Qe~f, I f5Qf- fH &

t e-5~Q`Y |Q-5frI Q5~e`Y |r

Uz,fb"r?•,r`",i",?•G

A ,"rz<•ib i"E"?",bY "rY b ,zY ",b i" •<
;•,GY br rG,G'•`?GEbr jz" b •,;zY ",?b i•
pz,fb>

t rG ...H^p I H5~eeH[[I H5~ I ~5~ - fH¹f

t <,fHf I [5ef...f I [5eQ

H>f6 %,?,bizfkb ¶ · "b,G i" ",,t
,br

« "rz<•ibr i" ^,b`"iG",?br "P^",GY ",?•G
i"E"Y r",,"^,"r",?•ibr i" Y bib";",•< `by b

7 I »Y (& Y dz,G•i"5 »[...d

b,i"7 "•;•,i"Y•pG• `b,rG",•i•5Y "b
E•b, zY ",Gb ",`b,?,•ib ^•,• "m•;•,i"Y•
»"P^",mb `by b ,zY ",b `b,,"?b i" •<;•,GY br
rG,G'•`?GEbrd " & Y "•G`",?"Y• »bz ",b "Pt
^",GY ",?•d•mb`G i• •b ^,b`"iG",?b "P^",t
GY ",?•<,"•G•ib>

H>f6>f %,`,?"Y• »bz ",,bd

v G`",?"Y• »bz ",,bdi" zY ,"rz<•ib "P^",t
GY ",?•<i"E"?",bY •PGY b Q •<;•,GY br rG,t
,G'•`?GEbr5^bi",ib?",•^",•r f z,Gb •<;•,t
GY b>A z<GY b •<;•,GY b rG,G'•`?GEb ib E•b,
ib Y ",rz,•,ib "i"?",Y G•ib ^"b z<GY b •<
;•,GY b rG,G'•`?GEb i•G`",?"Y•> "P"Y ^bnu

t • I »e5..~ (HH...dY |r⁰

t • I »ee...~ (f- d- »fH¹- Y |r⁰ d

ibitr" "P^,"m, zY E•b, r"Y "P^GG•,t
r" • G~,?"Y• •mb`Gi•> w"r?"r`•rbr "r?
Y^`\$Gb jz" "PG?" zY <Y G" i" ",,b i" ,b
Y •PG b H5.. ib z<Y b •<;•,GY b rG, G`•?Eb>
ib, "P"Y^bu i I ...5... - fH⁰LY I† »...5..H (H>f6>
H5H..d- fH⁰ LY >

H>f6Q } <mG`•fkb ibr ",,br

Kz•, b ¶ rz• b, G "Y " rz• Y•, "G• i" •?t
z•, ,b "P^", G ", b5 br ",,br "P^", G ", ?G
`•mG`•Y tr" "Y

t ",,b rG?"Y •?Gbu vp"?• b "P^", G ", b
r"Y^", i• Y "rY• Y•, "G•5 i"rb•, ib b
E•b, i• Y "iG• "Y zY Y "rY b r", Gb>
v^, "r", f• i" zY ",,b rG?"Y •?Gb^, bEbt
`•,• bz zY •zY ", b bz zY • iG G zGb
, b E•b, ba?Gib i" ?bi•r•rY "iG•r", •<t
G•i•r> "P"Y^bu ",,b , • `•G•, fkb i"
zY • a•<, f•>

t ",,b i" "r`•<u "r?" ",,b b`b,, i"EGb
•b G G" , ?z, •<i" ^, "Gib i" jz•jz",
G r?, zY ", b i" Y "iG•5 bz r"•5 "r?• •rt
rb`Gib •b G G" i" ",,b i" `•G•, fkb ib
G r?, zY ", b> A ",,b i" "r`•<•p"?• jz•<
jz", Y "iG•5 EGb jz" jz•jz", G r?, zt
Y ", b z?G•ib^•, •, "•G•, Y "iG•r?", •
zY <Y G" i" ^, "Gib> "P"Y^bu] Y•
, 'z• ; ,•iz•i• "Y Y GSY "?br, kb ?"Y
^, "Gib^•, • "r?G•, bY^, G ", b r "Y
Y G, bY "?br>f@Y I fH¹-Y Y c5^bG^brt
rzG•mb`Gib • "•<zY ",,ba"Y Y •G, jz"
f@Y >

t ",,b •<•?b, Gbu vp"?• b "P^", G ", b i"
pb, Y• G^, "EG\$E"5 b, • •zY ", ?•, ib b
E•b, ba?Gib^•, • zY • Y "iG•b, • iG G t
zG ib r"z ", rz<•ib> "P"Y^bu v <?", fkb r

"Y Y "iG•r i"EGb • Tz?z•fkb r , • , "i"
"<?G•5 • EG•, fkb r , b •^•, •?b "P^", G
Y ", ?•5• E•, G fkb r i" ?"Y^", •?z, •5"?>

H>f6> "r?G• •?E• i" G ~", ?"Y•r

wkb^bi"Ybr "G G•, bY^<?•Y ", ?" •
^, "r", f• i" G ~", ?"Y•r "Y ^, b`"iG ", b r
"P^", G ", ?G> wb ", ?•, b5 • ?"b, G i" ", t
, br , br ^", Y G" p•Y", zY • "r?G• •?E•r ib r
",,br bY "Gib r , b "P^", G ", b i" Y bib •
^bi", Y br •E•G, • ^, "Gib " • jz•G•i"
ib "P^", G ", b , "•G•ib> v rzY G ib jz" br
",,br b`b,, "Y i"EGb • pb, ?"r G i"^^", i", ?"r
i" G ~", ?"Y•r , b "P^", G ", b5^bi"Ybr bY •,
bY b ",,b b?•<i" zY • Y "iG• • rY • ib r
",,br rG?"Y •?Gbr5 i" "r`•<r " •<•?b, G r> A
?, •?•Y ", b ^•, • `•i• G b i" ",,b b`b,, " bY b
•a•Gb>

t ",,br rG?"Y •?Gbr5 Kz•, b •br ",,br rGt
?"Y •?Gbr5 rzr^"G•, ibtr" jz" rz• ^, "r", f• '
", <"E•, ?" ^•, • br , "rz<•ibrba?Gbr5?", ?Y br
G", G`•, rz• b, G "Y " "G G•t b ib "P^", G
Y ", b>wkb "r?G•, "Y br•jzG"r" "G b i" ",,b>
J "m•pb, Y •5 i"r^, "Y•, ib ",,br rG?"Y •?Gbr5
"P^", G G "Y br b ",,b b?•<rba, " zY ", rz<•ib
"P^", G ", ?•<bY b

& Y I 5- l 5.

>[ed

b, i" 5- i", b?• b ",,b i" "r`•<•mb`Gib •
Y "iG• " 5. r"z b ",,b •<•?b, G ^, bE•E">
"m"r ",,br^bi"Y r", "r?G• ib r i• r"; zG?"
Y •, "G•u

t ",,b i" "r`•<• "Y G r?, zY ", ?br
•, •b; Gbr5 A <Y G" i" ",,b i" `•G•, fkb
i" zY G r?, zY ", b •, •b; Gb5 "Y "; , •5 bG t
G " bY • Y ", b, iEGb G iG•i• ^"b G r?, zt

Y",?b>A ",bi" "r`••^bi"r",•ib?•ib`bYb p•G• " ^,brr";zG br•?,•E`ribrr";zG?"r^•rt
Y"?•i" ib`G`G"i" ",bi" `•G,•Fib5bz r"•5 rhu
Y"?•i" i•Y",b,iEGib i" "r`••

$$5. I \left(\frac{7 \text{ "}, b, J \text{ "}}{Q} \right) I \left(\frac{7 \text{ "}}{Q} \right) \gg [-d]$$

"P"Y ^bu;•,•b`•rb i" zY •,`;z•;•iz•i•
"Y YG\$Y"?,br5?"Y br 5- I (H5..YY>

t " ,b i" "r`◦◦ "Y G r?,zY ",?br iG;t
G◦Gu w"r?" `◦rb b Y◦,z◦◦ ib G r?,zY ",?b
pb,,``"b",,bi" "r`◦◦ `bYbr",ib◦ "P◦?Gib
bz◦◦z,◦◦G ibG r?,zY ",?b>wbr`◦rbr"Y jz"
"r?◦Gpb,Y◦◦rb,rb "r?◦ iG^b,\$◦◦◦◦ib?◦tr" b
",,bi" "r`◦◦ `bYbr",ibGz◦◦◦zY◦z,G◦i"
i◦Y",b, iG◦◦b i◦ "r`◦◦ »f ,b z◦◦G◦b◦◦;◦,t
G◦Y bYbr?◦ibd

5. I (v`z,•`G•bz (7",b,J Eghbi•"r`•<»[md

"P"Y ^b f> i , • , b ^rb i" zY ^, b, bY "?" , b ^bY
^ , "Ghb "Y Y GQ" ; z, i br5? "Y br5- I (fY r>
"P"Y ^b Q> i , • , b ^rb i" zY Y z <?Y "?" , b
i GQ • < ^z b Y , z < G p b, Y • jz" , • "r^<<
i" Q Y v • • ^z , • ^G " (H5MP i • < Gz , • l
- i \$, Gbu b i \$, Gb " zY • z, G i " i • Y " , b,
i GQhb Y br? , i • , • "r^<< ^b, rG" , i • 5 jz"
, b ^rb " H5Hf Y v » f@v d? r" • < Gz , • , b
Y z <?Y "?" • b " f5Hf Y v

$$\begin{aligned} & \dagger \quad H5npl-i\$;QbrI \gg H5HImmHiml-)H5Hf d \\ & Yv \quad I \quad H5Hf fmHmYv \end{aligned}$$

5. I (H5HfY v > »[6d

t "r?G?GE• ib ",b <"?b,G ^,bE•E"u »P_Q (& P_QdR ;•,•,"rbE", "rr" ?G b i" ^,bat
;•,•b ^<z b ib ",b <"?b,G ^,bE•E"<pY"t <Y •5 ,br ^bi"Ybr pY", zrb ib ^<z b i"
YbrzY ^b, z, b i" w Y "iG•ri•jz•, G i" E•G f k r> v r r z Y G i b j z" • b ^,• f k b j z"

f>} •<z◀tr" b E•b, Y "iG◀E•b, Y •G
^,bE"E"<i" zY •Y "iG◀d•?,•E"ri•Y "iG
•,GY "iG◀ibrE•b,"rPg_Y "iGibr

$$P_Y \text{ I } \frac{? \text{ } ^w \text{ } _{GL} f \text{ } P_G}{W} > \gg \dots Hd$$

Q> } • < z • tr" b i" rEG & P_G i" `i • Y "iG •
"Y , " < E b Y "iG

& P_G I P_G 1 P_Y > »...fd

-> } • < z • tr" b i" rEG ^ • i, b 55 b jz • < "
 zY • i • r jz • , G i • i" r "Y " r • ? • ? • G • ^ • ,
 G i G • , • ? " , i" , G i • r Y " i G i • r i" r" i G t
 ? , G a z \$, "Y "Y ? b , b i b r" z E • b , Y • G
 ^ , b E • E" < A E • b , i" 5 , b r p b , " " zY •
 G i " G i • i G ^ " , b i • i • r Y " i G i • r "Y " , < E b
 • r" z E • b , Y • G ^ , b E • E" < r" , i b i • i b ^ b ,

$$\frac{\frac{w}{Gf} \gg P_G d}{w \ll f} > \gg \dots Qd$$

[>UG•Y",?"5 b ",b •<"?b,G r",• i•ib
`•<z•,ibtr" b i"EG ^i•b b i•Y "i•

5. I $\overset{5}{D} \underset{W}{=} >$ »...-d

H>f6>[i ,b^●;●£lb i " " ,,br

}bY b ^bi "Y br pY", b^", •flb"r Y •?"Y •?G•r
 \bY , "rz?•ibr i" Y "iG•r "r\, G•r \bY b »P (
 & PdR }bY b ", ,br & P r" ^, b^•, ;Y ^•, •
 b , "rz?•ib i• b^", •flb jz•, ib5 ^b, "P"Y t
 ^ b5Y z{G G•Y br iz•rY "iG•r »P_f (& P_f d-
 »P_Q (& P_Q dR ;•, •, "rbE", "r" ?G b i" ^, bat
 <"Y •5 ,br ^bi "Y br pY", zrb ib ^•<z b i"
 E• Gflb"r> vnrzYG ib jz" • b^", •flb jz"

jz", "Y br, "•Y•, •?z" "Y ^ iQ", ",?"rY "iG•r
 »P_f5nn5P^d5 ^, b`z, •, "Y br b ", ,b •mb`Gib •
 pz, fbb p»P_f5P_Q5nn5P^d5b, i" p»P_f5P_Q5nn5P^d
 ` b , "rz<•ib i• b^", •fbb • r", p`G•> ;b,
 "P"Y ^ b5 ^•, • Y z<G`G•, Y br iz•r Y "iG•r
 P_f " P_Q5 `b, rG", •Y br • pz, fbb jz" ` b , "t
 rz<•ib i• Y z<G`G•fbb i" P_f " P_Q5bz r"•5
 p»P_f5P_QdI P_frP_Q>A ", ,b •mb`Gib • "m•Y z<
 ?G`G•fbb »bz • zY • pz, fbb Y •G; ", •d ^bi"
 r", `•<z•ib •?, •E`r i"

& p»P_f5nn5P^dI $\frac{HP}{SHP_f}$ & P_f l nml $\frac{HP}{SHP^}$ & P^>
 »...[d
 "P"Y ^ bu ; •, • b `•rb i• Y z<G`G•fbb i" P_f
 " P_Q iG`z>G• ••Y •5ba?"Y br

& p»P_f5P_QdI P_Q& P_f l P_f& P_Q5 »....d

"r`, "E", ib b , "rz<•ib ", •<i• b^", •fbb `bY b

»P_f(& P_fd- »P_Q(& P_QdI »P_frP_Qd(»P_Q& P_fl P_f& P_Qd
 »...ed

"P", `S`Gru } •<z<" & p ^•, • `•i• zY ibr`•t
 rbr Y br?, •ibr •a•Gpb>

t WbY •up»P_f5P_QdI P_f l P_Q>

t Wza?, •fbbup»P_f5P_QdI P_f l P_Q>

t JEGfbbup»P_f5P_QdI P_f|P_Q>

t ;b?", `G•fbbu p»P_fd I P_f5b, i" , " zY
 , zY " , b , •?z, •<

« "p", ", `G•r

f> ;] AnA5 f> \ >5 Uz, i•Y ", br i• ?"b,•
 ibr " , , br5 "i> "i; •, i @ <z`y", n?i•5Wbb
 ; •z b »f66...d>

Q> ; % } "w • % % f> f5 † «vwJ%5 @> } >W5
 \AU7 vww5 7 > ; >5 n%7 v U> «> «>5

8%7 7 " «7 vww " >5 %, ?, bizfbb •b n•at
 b, •b, G i" U\$G•5 "i> i•] UW} 5 Q•>
 "iGfbb « "EG•i•5U b,•, b^bG »QH..d>

H>QH v ; 'w J %} " %au 7 ' ?bib
ibr 7 \$, GY br K z • i, • ibr

H>QH>f } b, r?, z f b i " ; , • " `br

] Y ; , • " `b • ^, "r", ? • zY `b, Gz, ?b5bz Y • G5i "
i • ibr "P^", GY ", ? • G , zY • "; z, • > A ; , • " `b
ba G ? E • Y br?, • , EGz • Y ", ?" • i " ^ ", i ", G
", ?, " zY • ; , • i "Y • " zY ^ • , • Y " ? , b Y " i G br
r G z G , " • Y ", ? " > ; , • G ? b b ; , • " `b i "E" ? ,
br " < "Y ", ?br "rr", G G • a • Gb >

• \$z b ib ; , • " `b

% , p b , Y • jz • G i • ibr " jz" i " ^ ", i ", G
"r? • r", ib , " ^ , "r", ? • i • > ; b, "P"Y ^ b5r"
jz", tr "r?zi • , • i " ^ ", i ", G i • E " b `G
i • i " `bY b ? "Y ^ b b ? \$z b ^ bi " r", i " r",
i " zY • i • r p b , Y • r • a • Gb >

t # , • " `bu E " b `G • i " » Ed "Y pz, f b ib
? "Y ^ b » d

t # , • " `bu E E ", r z r ?

t # , • " `bu E » d

• \$z b r i b r " G b r

"r " ^ "G ` • jz • < ; , • i "Y • p G • b "G b , " ^ t
, "r", ? • " jz" z, G • i " ^ z ? G G • i • , • "r ` •
ib "G b > A "G b E", ?G • 5 i • r b , i", • i • r5
`b, "r ^ b, i " ¶ ; , • i "Y • jz" ^ "r " ^ "G ` • i •
^ , GY "G b , • ? \$z b ib ; , • " `b5 • , ? "r ib
xE", r z r B5", jz • , ? b jz" b jz" E "Y i " ^ b G "
, " ^ , "r", ? • i b , b "G b y b , G b , ? • 5 i • r • a • G t
r • > v m G 5 ^ b, "P"Y ^ b5 jz • , ib r" `b, t
r?, z G b ; , • " `b i " xE E ", r z r B5 • r E " b `G
i • i " r i "E"Y r", G • r , • r "r ` • • ib "G b
E", ?G • < " br ? "Y ^ br, b "G b y b , G b , ? • > w b
? \$z b ib "G b i "E"tr" z ? G G • , zY r Y a b b
• i " jz • ib ^ • , • • ; , • i "Y • , jz • , ? b jz" •

z, G • i " ^ G p b , Y • i • "Y ^ • , " ? "r G b z `bY
zY r " ^ • , • i b , x | B `b, p b , Y " br "P"Y ^ b nu

t E » Y | r d b z E » Y r ^{1 f} d b z E | Y r ^{1 f}

t ? » r d b z ? | r

"r ` • • i b r "G b r

Ub, , " ^ " • "r ` • • "Y jz" • ; , • i "Y •
^ , " ^ , "r", ? • i • , b "G b ; , • i z • i b > A
"G b ^ b n z G z Y • ; , • i z • f b b ^ , G `G • 5 ^ b t
i", ib ? • Y a "Y ^ b n z G z Y • ; , • i z • f b b r "t
`z, i • , G 5 r", ib jz" • ^ , • r ^ • , • • ^ , G `G
^ • < " `b b ` • i b b ? "P ? b i " < ; , • i • i • "r ` • • >
v r < ; , • i • r i • "r ` • • i "E"Y r", , z Y ", br
, "ib, ib r5 ^ , "p", , "G Y ", ? "5 Y ¶ G b r i "
Q b z ... >

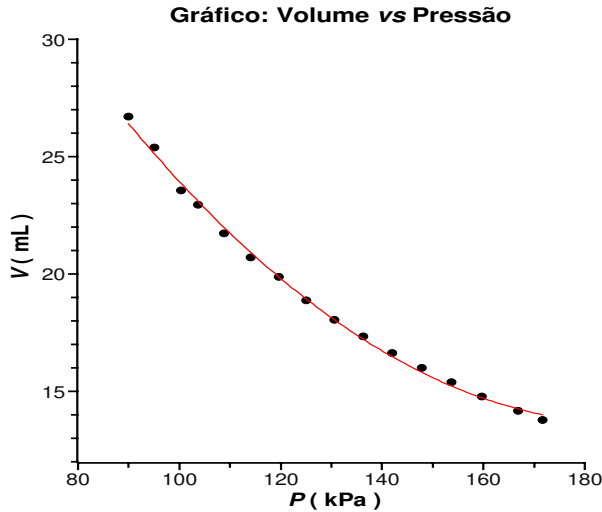
n"; , i • i b ; , • " `b

Kz • , ib Y • G i " zY `b, Gz, ?b i " ^ b, t
?br " , " ^ , "r", ? • i b , zY z, G b ; , • " `b5 "
, " ^ " m • , G i G , " , G , br `b, Gz, ?b r i " i • t
ibr z r • , ib r Y a b b r i G , " , ? "r > v < ; t
, i • ^ " zY jz • i , b G r", G b , b ; , • " `b b , i "
r" `b b ` • b r Y a b b • b • i b i " zY ? "P ? b
`z, ? b jz" "r " ^ "G ` • jz • < `b, Gz, ?b i " i • t
ibr • jz " < " r Y a b b , " ^ , "r", ? • >

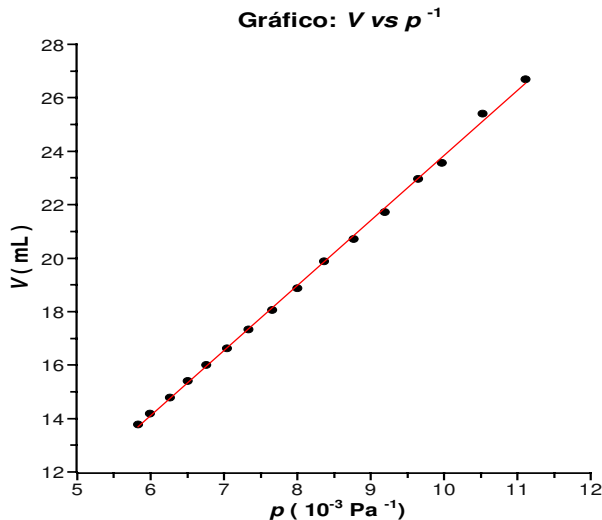
t v ? , f b u " , , • i b `b b ` • , br E • b , "r
ibr ^ b, ?br "P^", GY ", ? • G `bY b < ; " , t
i • r , br "G b r >

"r ? " ? G •

] Y ; , • " `b ^ zY • "; z, • 5 ^ b, ? • , ? b5
i "E" r", a "Y ^ , b ^ b , G , i b " "r ? " ? G
` • Y ", ?" • ; , • i • E " < ^ • , • p `G G • , r z •
bar", E • f b b " • , • G > ; b, "P"Y ^ b5 zY
; , • " `b • Y • ? • i b5 • n G `bY b zY • "r ` • •
G • i " jz • i • 5 i G `z G • • • , • G " i • r i "t
^ , i ", G r Y • ? "Y • ? G • r >



UGz, • f>



UGz, • Q>

H>Qf v , •G" i" ; , •" `bru
•çr?" G "• ,

W"• zY "P^",G " , b jz" p b , , " " bY b , "t
rz?•ib zY `b, ç, b i" w ^• , "ri" Y "iG
i•r »' 5v d jz" ; , •" `Y " , ?" , ^ , "r" , ?•t
ibr ; " , •Y zY • , " ?•> A •çr?" G "• , ' •
• , •G" Y • ?" Y • ?G • i" i•ibrjz" • ^ , "r" , t
?•Y zY • i " ^ " , i " , `G G "• ,

v I • l a' 5

^• , • • ba?" , b ib `b " " `G , ?" r G "• , •
" ib `b " " `G , ?" • , ; z • , a > v ^ , "r" , ?• , t
Y br • a • P b zY "P" Y ^ b jz" • , •G • , Y br
^ , G "G b ^ " b Y " b i b i • ? , G , ; z • b " i " t
^ b G ^ " b Y " b i b i b r Y \$, G b r jz • i , i b r >

7 " ? b i b i • ? , G , ; z • b

A Y " b i b i • ? , G , ; z • b `b , r G ?" "Y
? , • b , zY ? , G , ; z b , " ? , ; z b `bY •
y G b ?" , z r • ^ b G i • r b a , " • Y " y b , " ?•
jz" ^• r • ^ " b r ^ b , b r " P ^ , G " , ?• G >
" r ?• Y " y b , " ?• ' " r `b y G • x • b y b B
i " Y b i b jz" b r ^ b , b r r " i G ? , G a z • Y i "
p b , Y • G z • < • `G • " • a • P b i • , " ?• >

A `b " " `G , ?" • , ; z • , a ' i " ?" , Y G • i b ^ " •
 , Y b

$$a \text{ I } \frac{\& \cdot v}{\& \cdot} \text{ I } \frac{V_{pG, \cdot, 1} V_{G, G' G' \cdot}}{p_{G, \cdot, 1} \cdot G, G' G' \cdot}$$

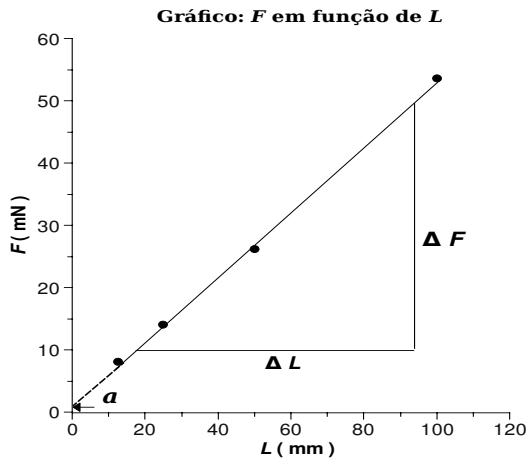
v " ; z , • Q G z r ? , • zY "P" Y ^ b i " • ^ G • b
ib Y " b i b > w b ?" jz" ? , G , ; z b , " ? , ; z b
" r `b y G b i " E " r " , " • ? G • Y " , ?" ; , • i "
^• , • i G G z G , • G ` " , ?" Y • " Y & U " & n >
A `b " " `G , ?" G "• , • I f Y w p b G " , `b , t
? , • i b " P ? , • ^ b • , i b • , " ?• • ?" n I H > f • b
`b " " `G , ?" • , ; z • , p b G `• < z • i b `bY b

$$a \text{ I } \frac{\& \cdot v}{\& \cdot} \text{ I } \frac{\> . H 1 Q H d Y w}{6 [1 f m Y Y} \text{ I } H 5 . . - w Y ^ 1 f >$$

}y•Y•Ybr • •?",•b ^•,• b p•b i"
jz" ?•,•b • `bY b a ^bi"Y r", ^brGGEbr
bz ,";•GEbr " •Yabr ^brz"Y z,G•i"r>
••Ya"Y " G ^b,?,?" ,b?•, jz" b `b"t
"G",?" •,;z• , ,b " zY • ?•,;" ,?" ^bG
^brzGz,G•i">

••a"◊ `u «"rz◊•ib ibr •czr?"r G "•,"r ^"br
Y "bibr i• ? ,Q ,;z◊•b " ibr Y \$,G br jz•i ,t
ibr>

	7 7 K	• ,Q ,;z◊•b
• »Yw d	f5H (H5 ⁻	f
a »wY ^{1 f} d	H5..Q (H5Hf	H5.-



vr G `",?"Y•r i" • " a r b5 ,r ^" `GE•t
Y ",?"5

$$5. I \frac{U \frac{?}{?^{5Q} \cdot ?^0}}{U^w \frac{?^{Q1} \gg ?}{?}} "$$

$$5_a I \frac{?}{w \frac{?^{5Q} ?}{?^{Q1} \gg ?} \cdot ?^Q} 5$$

b,i"

$$5^Q I \frac{?}{w 1 Q} 5$$

" & v " • iQ", ,f• " ,?" brE•b ,r "P^",t
G " ,?◊ " ?"b,Gb

&v I v 1 »•l a' d>

7 "bib ibr Y \$,G br jz•i ,ibr

A Y "bib ibr Y \$,G br jz•i ,ibr , "rz◊•
i• YG G G•b ib jz•i ,ib i• iG?• ,G
" ,?" br E•b ,r "P^",G " ,?◊ i" v " br
E•b ,r `◊z◊ibr `bY b vⁱ I •l a' >

A `b""G",?" G "• ,• "b `b""G",?" • ,;zt
◊ , a r b p b , , "Gibr ^"◊r "jz•b r

w• ••a"◊ f b Y "bib ibr Y \$,G br
jz•i ,ibr »7 7 Kd " • ^G•ib •br i•ibr
ib "P"Y ^b i• UGz ,• -> v • ^G•b i•r
p b ,Y z◊r •`G • <E• •br E•b ,r ibr `b""t
`G",?"ri• ,?"• " rz◊rG `",?"Y•rY br? ,ibr
, • ••a"◊ Q> v ••a"◊ Q Y br? ,• ?Ya"Y
br , "rz◊•ibr ba?Gibr `bY b Y "bib i•
? ,Q ,;z◊•b " ,b?•Y br jz" •Yabr br
Y "bibr `b ,b,i•Y i" ,? ,b i• G `",?"Y
`◊z◊i•>

$$• I \frac{?}{w \frac{?^{Q1} \gg ?}{?} \cdot ?^Q} ?" \gg \dots d$$

$$a I \frac{w \frac{?^{v1} \gg ?}{?} \cdot ?^Q}{?^{Q1} \gg ?} \gg \dots md$$

••a"•eu}•<z b ibY "b ib ib rY \$, G brjz•i,•ibr^•,•i•ibrib `bY ^,G ", b " i•p b,£•Y •; ,`?G•
rba," zY "b `bY % I ...v >

.		v	• Q	' v	»•l a' d & v ^Q	
,		n»Y Y d U »Y w d				
f	fQ5..	m5H	f...e5Q...	fHH	ˉ5..	H5Q...
Q	Q...5H	f[5H	eQ...	-...H	f[	H5HH
-	...H5H	Qe5Q	Q...HH	f-fH	Qˉ	H5e[
[	fHH	...-5e	fHHHH	...-eH	...-	H5-e
?	fmˉ5..	fHf5m	f-Qmf5Q...	ˉfQH		f5Qe