3

A.M.: 1684

## OMADA 2

## OFMA 1º

c(z)=1500 +0,6Z

(i). Tro trois turia us repos en opijomo repenses va sunsposses pra nxnrium outrina outo Bailos 10 dispur trooses per sun outrina outo Bailos 800 m;

## NYS4

Impipous ou n puvia optionnomoinem sival

Da Broche un puvia uno un ornia necina va Etargali Extremadei y autuva pa va optoruoroindei antò to volvo ros snell ros fees ori:

Athair alexitai la Broche Tis Taxvantes ((240) em (2800) auto un 6xion Tou or or authires reported tou pas Siverai:

$$C(200) = 1500 + 0.6 \cdot 10 = 1,506 \text{ m/s}$$
  
 $C(2800) = 1500 + 0.6 \cdot 800 = 1.980 \text{ m/s}$ 

Otrore and our 1:

Emplims n juria ouro um orosia la regente va eknepalein auriva la sivou:

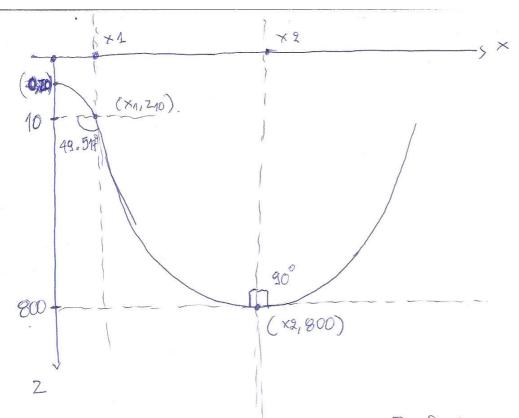
002 49.517° as nos em mailern. ans repos em opreformo 00=40.483.

(ii). Moia sivai n réprésérept our rusti anéstaten 100 proper va 6043 ei ouro.

H represent con unity was proper no entitles and Da singl  $\infty$  × for  $\infty$  Z = 10 yierea and oracle of year-NUGET FOR A STATION ON DIAGROPHY ON GOD TOWN OFFICERO. Twingn. To oraio x la proposicate va to Browy? and in oxign:

xf-xi= R (sind+-sindi), le zo P= do sinA; a va Siverale aurò C. on tubility (the Osies and the ton on Jean (the) com) to Bailos oro oroio BpiGazzou n Tunmi (Est) UETI raxima Jervaren va d'adidéran n auviva allai von WE IN JUDICA TERNOSES NO ELETERATEZOU N OUTUNOS.

(iii). Exedidore reseabloure un diadeon lexar um optornocoing . H3YN



- H rinmi Jerivaes aurus rediroro Bailos zo. Kon quiverous 600 Bailos rur 800 herpur n opisoruo noing my aurivas.

GEMA 25

c = 1500 m/sec

(R) K= 6000 m

VE = 8000 m

O orbxo> Xorpanineiferal and Every Europairea 10 m2.

Av  $\eta$   $\Pi = 8 \times W$ , represident en q construction and trans tour seath representation in the state of the strong-640's tour order of the strong transport of the strong tra

TOU du foission trepsoiffortos (NL) = 80 dB/re 14Pa eta 60x10mora entrofitais Tou sonar trou einer 5 xHz. O empeirar
capatigiai diaidosa dan faisere utabella con un qualtri espoissellaca. e = 1025 Eg/m³, Prep =  $10^{-6}$  Pa.  $e = 10^{-6}$  Pa.  $e = 10^{-6}$ 

1454

Karapxin nezionen SONAR new roupicites orm repinnen pas eval n norporkinu: 4

EL=SL-(TLm+7L) + TS-(NL-DI)

orou: EL : Erinedo him

SL: 20 Estitreso rissy my tensois

TLA, TLS: Exode duo enriferes dicidoons.

word séver vou rupi eou deurn
(Sio goperirà)

TS: 16705 700 60000

NL: Evine So OpriBo

DI: (See) Seiary now s'ren von seinen be row seury noms sou row of sury

On unphylodes o'pay roug trewitory o'cary tou da Browns ton oura parienta surrevolutionantes DI. The na undo Jee Euronadis tou oròxa.

- ·NL=82Blre 14Pa , Siverau aux um aisensy
- · Da ourmanois-viscode ro EL (12 ro DT (mornight evolució))

  mordis may divercer tou einen supersuphènes arendròs.

  DT = 12 dB
- · SL: Da ro unoto books ouro rov rono:

augoi Braites to frams. Auto siretau auro tor torro!

Exoliting n SL la rivou!

· TLM, TLS

Louluis Exode 6 poupreir d'aboon ouver la subour our vay

TLM = 20 log10 ranms + TLP

TLS = 20 log 10 Francis + TLPs

VE 20 TLP ha siver h anistered firm quarties eta
6 dévinory.

TLP= Orp. Rn = 10-3,6000 = 6 LB

TLP6 = ap. Rs = 10-3.8000 = 86B

Orioit: This 20, log10 6000+6 = \$1,563 LB

TL5 = 20-logao 8000 + 8 \$ 86.061 dB

· TS:

na ro TS égééor soupifontes our emadirera vou éréron de sodei auris von virus:

TS= 10 log10 = 10 log10 \frac{10}{411} = 8,948

6

La Egicor Benuale élog cons cies suipar da proite to DI:

Bolinoute ou a marendernizora nou ixel volucivel the Tov Jima unu um rungi da eixel robi thepri (etapetry fai)).
To oroio enterirel ou gentai tou a rungi vou o seturny da s'your robi thupi autendary tou. To oroio enterirel era) rung da etxou rubi thupi autendary tou. To oroio enterirel era) rung da etxou rub evento na rereixode ro ereixo tray.

**AND**