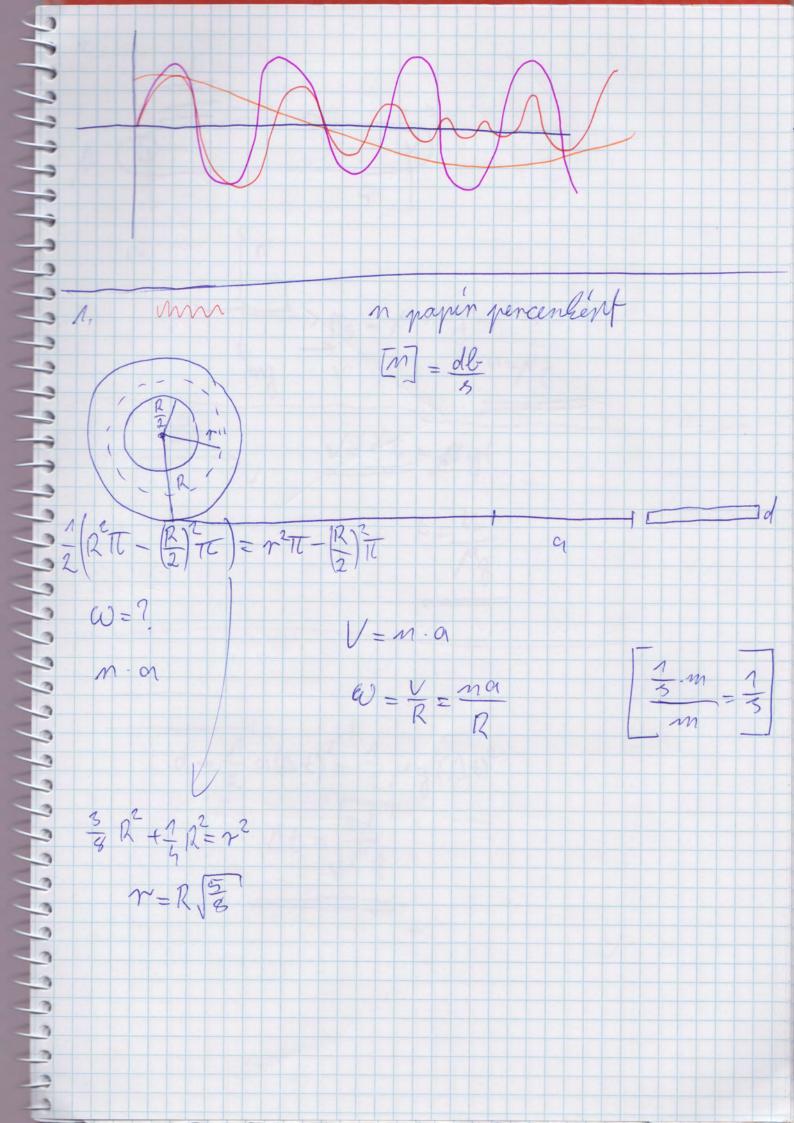
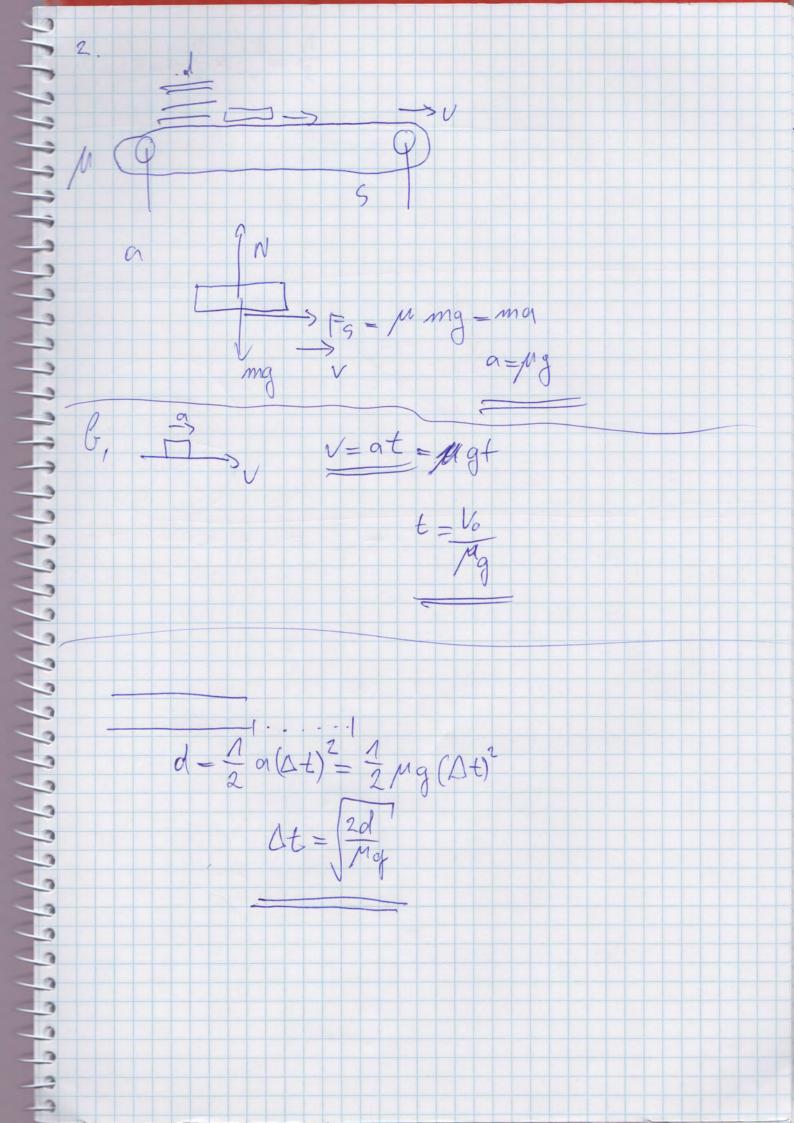


Huysens - elv Moch - Suppa lolieshullam Jelieges gret gret grey gr Win W2 Wat W2 gn(t)=A sen wit 9 2 (t) = A sen W2t 4(t) = y,(t) + y2(t) = A (sein wat + sein w2t) = = 2A Sin Wit Wz + cos Wn - Wzt lebezési respesi la.





2000 b=c > 6- Ear logany Grantani: log ax= b= => left x an = ci or m = or + (m-1)d Sn=m. ant m. (n-1) d logax = n. logax 62 = 6-1+63 loger X2 = 3. logax Cogax = logex
logba 262=61+65 Mertans $ctg = \frac{\cos x}{\sin x}$ to x = sinx an = on - qn-1 6666666666 sen & + cos 2 = 1 $S_{m} = \alpha_{1} \cdot \alpha_{1}^{m-1}$ sen2 = 1-co32 d cos x = 1 - sen x cosx = sen(11-x) 0 =1-) Sn=n-an send = cos (II-X) On . C3 = 62 -> lon . C3 = 62 cos d= sen (x+tc - sin x = cos (x+16) sen & = sen (TL-X' - cos x = cos(U-x) sin 2x = 2 sen x. cosx sin(x+B) = sin x. cos Bt cos x. sinB coslx=cos x-senx cos(x + B) = cos x. cos B = sen-senB Sur 2 = 1-cos 22 cosx = 1+ cos2x

to = send do = cosx Chamton! 4in 2 + cos x=1 on= on (4/ m-n)d Full col (A-COSX) $G_M = \frac{\alpha_A + \alpha_M}{2} = \frac{\alpha_A + \alpha_M}{2}$ sin2 x = 1-cos2 x los 2 = A - sin 2 $= \frac{2\alpha_1 + (n-1)d}{2}$ $\cos \alpha = \sin(\frac{\alpha}{2} - \alpha)$ 5Md = co3 (12-d mentan!

on = on or $S_m = \alpha_n \cdot \frac{\alpha_{m-1}}{\alpha_{m-1}}$ En Sm = on mhage = 1 $b_2 = \frac{b_1 + b_3}{2}$ $2b_2 = b_1 + b_3$

Thenmodinamily 5 50 Homenseelet & Womennigeseigh Hömensellet merese - hofor lamens - hotaquelas Ctt) - Co(1+2(T-To)) Gosszanti V(T) = Vo(1+1/8/5(T-To)) tenfogati B=3x - garal meramous es tenfopotbaltozaso elektromos ellenallas valtoras R(T)=Ro(1+x(T-To))

elektromosphotas

a

elektromosphotas

a

elektromosphotas

a

elektromosphotas

a

elektromosphotas

a

elektromosphotas

a

elektromosphotas

elektromosphota - mechanikad - Genieri realicio Grinvaltoras - homenselleti sugarrais - magneses Cratas Celsius 0-100°C normal ayonnois Almodut & K -> -273 C D Momennieses! DT miatt létrejois enengis esere (rendtzer)

Fariratalalitas, belso enenservaltoras: holsozles DR = CVMAT hopewetel [CV] J & Joule hôlesdas laters lis (nem latoth) 1=0 Dag = L·m [L] = - 2g Faris atalalitas: -> Rolyekony 2 Chiefand R Gellimació Hor Haborlesi Polyamotol hovereters []= wky hovereteri - lisatadas Inhat Convelicio 1. - anamlas hosegantas: Dt = I = Be BETYA T1> 12 Th 27 T2 5=5,68 10 m2 K4 Gæstorerenger, Idealis gaz and C Dugalty P (myomas) I Galy Lussac $P = all \quad \frac{V}{T} = const.$ IT Gay-Lussac V=all_ = const.

Bayl - Maniattes T=all. PV=co4st. [M] = mal [T] = K [SI]

A=6-10²³ Avagand's Hzam PV = coust R=831 molk

PV = MR [m] = mol Kinematilus gazelmilet Mealis das A man [m] = 1 danale [m2] = 1 m3 m2 $\overline{F_1} = \frac{\Delta \mathbf{I}_1^c}{\Delta t} = m_1 m_1 V_{x_1} A$ $P_1 = \frac{F_1}{A} - m_1 m V_{\lambda_1}^2$ $P = \frac{Fa}{A} = n_2 m V_{\chi_2}^2$ $F_2 \frac{\Delta I_2^{\sigma}}{\Delta t} = m_2 m V_{x_2}^2 A$