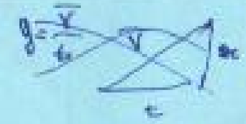
LRH15@INFUFPE.BR

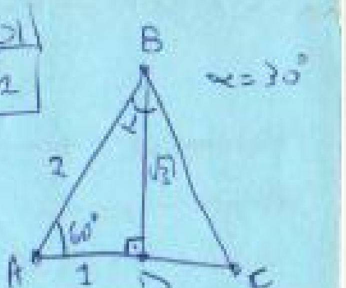
ESTÁGIO (METODOLOGIA)

↳ ADMINISTRAÇÃO DE SISTEMAS (3º ou 4º PERÍODO)

REQ.: - LINUX (BÁSICO)
- PROGRAMAÇÃO (ALG - C, JAVA)



20/08/2018 | 01 |
P 215 | problema 2



α = 30°

$\cos(30) = \frac{\sqrt{3}}{2}$ $\tan(30) = \frac{1}{\sqrt{3}}$

$\cos(60) = \frac{1}{2}$ ✓

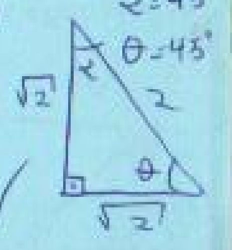
02 | PROBLEMA 3 (PB 3)

$\alpha = 45°$
$\theta = 45°$

$\cos(\alpha) = \frac{\sqrt{2}}{2}$

$\sin(\alpha) = \frac{\sqrt{2}}{2}$

$\cos(\theta) = \frac{\sqrt{2}}{2}$ ✓



03 | Pb 4

$\sin(15) = 0,25881$ ✓

$\cos(53) = 0,60181 5023$

$\tan(67) = 2,35585237$

04 | Pb 05 | $\tan(A) = 0,1763 = 10°$

$\sin(A) = 0,9659 = 75°$

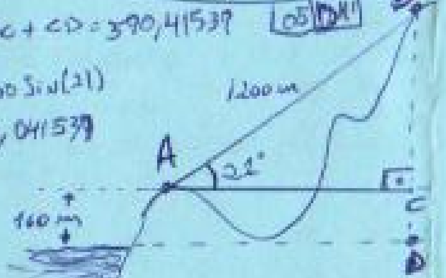
$\cos(A) = 0,9659 = 15°$ ✓

05 | Pb 11 |

BD = BC + CD = 390,41539

BC = 1200 sin(21)

BC = 430,041539



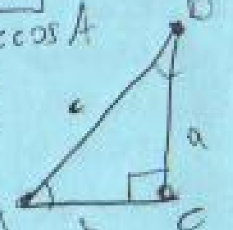
06 | Pb 6 |

07/2018 (P217)

$a = c\sin A$, $b = c\cos A$

$\tan A = \frac{a}{b} = \frac{c\sin A}{c\cos A}$

$\tan A = \frac{\sin A}{\cos A}$



25/10/2018

26/10/2018

4. CAGA
127520 Km
800.5 Km

5. 127600
880.6

2. HS
127539 km
~~80~~
819.2 km

3. CASA
127551 km
837.4 km

4 127575 km
855.6 km

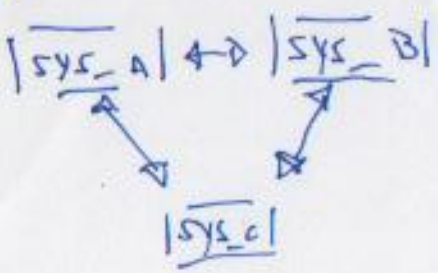
26/10/2018
1. 127600 km
880.6 km
06:47 h

2. 127637 km
917.2 km
08:07 h

Volume = $\frac{4\pi R^3}{3} = V$

x = BALLS x ~~TIEMPO~~ = $\frac{V}{2}$

F = $V_x * [N]$(matrix)$^{N^N}$



for $N = \pi$, $i = \pm\infty^{\infty}$.

SYS_Ni { PING N × SYS_Ni
↳ SYS_Ni

SYS_Ni ↔ SYS_SNi
↕ ↕
SYS_Ni

△ For Refinated precision,
Ni GROUPS MUST be VAST AND/OR
EQUALLY PRECISE.

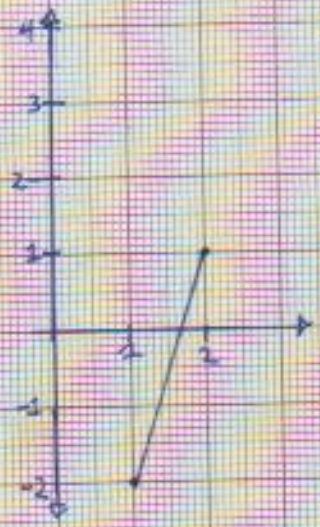
2020/08/04

3-1/10/2018 GEORGE B. THOMAS — CÁLCULO - VOLUME 1

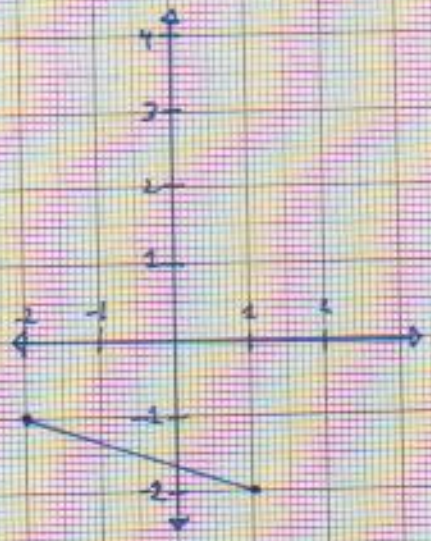
2020/01/04

03)

a) A(1, -1) B(2, 1)



b) A(-2, -1) B(1, -2)



04)

a) A(2, 3) B(-1, 3)

b) A(1, 2) B(1, -3)

$\tan A = 0{,}6963106624$ $\frac{\sqrt{33}}{7}$

$\tan A \approx 34{,}8499046°$ ✓

$\cos(21) = \frac{AC}{1200}$ ✓

$AC = 1200 \cos(21)$

$AC = 1200 \times 0{,}9335804265$

P217 | DM 2 | 06

$\tan A = \frac{BC}{AC} = \frac{6.7}{4.2}$ ✓

$\approx 1{,}59523810$

$\tan^{-1}(1{,}59523810)$

$\approx 57{,}91778128°$

P27 | 07

1) $x = 7\tan(30)$

$x = 8{,}1422...$

$x \approx 8{,}3$

(2)

$x = 12\sin(42)$ 12

$x = 8{,}0295\,6728$

$x \approx 8$

(3)

~~tan(α)~~ $\cos(\alpha) = \frac{4}{5}$

$\cos(\alpha) = 0{,}7 = 36{,}87...$

$\cos(\alpha) \approx 37°$

$\tan A = \frac{a}{b}$ $\frac{\sin A}{\cos A}$

P218

$(\sin A)^2 + (\cos A)^2 =$

$\left(\frac{a}{c}\right)^2 + \left(\frac{b}{c}\right)^2 = \frac{a^2+b^2}{c^2}$

Pythagorean $a^2+b^2=c^2$

thus:

$(\sin A)^2 + (\cos A)^2 = 1$

$\sin^2 A + \cos^2 A = 1$

DM 8 Fin $\cos A$ & $\tan A$ for ABC if $\sin A = \frac{4}{7}$

$\cos^2 A = \left(\frac{4}{7}\right)^2 + 1 = \frac{16}{49} + \frac{49}{49}$

$\cos A = \sqrt{\frac{33}{49}} = \frac{\sqrt{33}}{7}$

2020/10/04

P18 02 P218

$\sin(30) = \frac{1}{2}$

$\cos(30) = \frac{\sqrt{3}}{2}$

$\sin(60) = \frac{\sqrt{3}}{2}$

$\cos(60) = \frac{1}{2}$ ✓

$\sin(45) = \frac{\sqrt{2}}{2}$

$\cos(45) = \frac{\sqrt{2}}{2}$

P3

1) $\sin(15) = 0{,}2588190...$

2) $\cos(53) = 0{,}6018150...$

3) $\tan(67) = 2{,}355852...$ ✓

P217 04 P5

1) $\tan A = 0.1763$

$\tan^{-1} A = 9.9995° = 10°$

2) $\sin A = 0.9659$

$\sin^{-1} A = 74{,}9942838 = 75°$

3) $\cos A = 0{,}9659 = 15{,}0057°$

05 P16 DM2

$BC = AB \sin A$ ✓

$BC = 1200 \sin(21°)$

$BC = 1200 \times 0{,}3583679495$

$BC = 430{,}041539$ m

$BD = BC + 160 \approx 590$ m

$BD = \tan(30)$

$BD = 0{,}5773502691$

$\cos(30) = \frac{AD}{2}$ $AD = 2\cos(30)$

$AD = 1{,}73205031$

$\tan(30) = \frac{BD}{AD}$ $BD = AD \tan(30)$

$BD = 1$ ✓

06

$\tan(45°)$:

$\tan(45) = \frac{AB}{2}$

$AB = 2\tan(45)$

$AB = 2$

$AC^2 = CB^2 + AB^2$ $AC = 2{,}8284...$

$\sin(45) = \frac{AB}{CA} = 7{,}0710678\times10^{-1}$ ✓

07

~~$\sin(A) = \frac{BC}{AB} = 0{,}6$~~

$\cos(A) = \frac{AC}{AB} = 0{,}6$

$\sin(A) = \frac{CB}{AB} = 0{,}8$ ✓

08

$\cos(A) = \frac{AC}{AB} = 0{,}9230...$

$\sin(A) = \frac{BC}{AB}$ ~~= 13 sin(A)~~

~~BC = 13 sin(A)~~

$\sin(A) = \frac{BC}{13}$ $BC = 13\sin(A)$

$\cos^{-1}(\cos(A)) = 22{,}6198649° = \alpha$

$BC = 13\sin(\alpha) = 5$ $\sin(A) = 0{,}384...$

$13^2 = 12^2 + 5^2$ $169 = 144 + 25$

$169 = 169$ ✓

09

$\sin(A) = 0{,}894427191$

$\cos(A) = 0{,}447213595$

$AB = \sqrt{1^2 + 2^2} = 2{,}23$ ✓

$\tan(A) = \frac{3}{4}$

$\tan(A) = 0{,}75$

$0 = 4\tan(A) = 3$

$A = \frac{3}{\tan(A)} = 4$ ✓

02 03

$A = 35°, 5.39678°$

$\tan(A) = \frac{2.5}{3.5}$

$\tan(A) = 0{,}714285714$

$0 = 3{,}5\tan(A) = 2{,}5$

$A = \frac{2.5}{\tan(A)} = 3{,}5$ ✓

04

$A = 29{,}7448813°$

$\tan(A) = \frac{2{,}4}{4{,}2}$

$\tan(A) = 0{,}5714\,28571$

$0 = 4{,}2\tan(A) = 2{,}4$

$A = \frac{2{,}4}{\tan(A)} = 4{,}2$ ✓

If $AD = 1$

$AB = 2$

$BD = \sqrt{2^2 - 1^2} = \sqrt{3}$

therefore, $\tan(60) = \frac{BD}{AD} = \sqrt{3}$

05

$\tan(30) = \frac{?}{?}$

$0 = \tan(30)$

$\tan(30) = 0{,}57735...$

$AB = \sqrt{1{,}3333...}$

$\tan(30) = \frac{AD}{BD}$ ✓

$AB = 2$ $AD = 1$

$2^2 = 1^2 + BD^2$

$BD^2 = 2^2 - 1^2 = 3$ $BD = \sqrt{3}$ ✓

$\angle A = 28$ $AC = 15$m

$\frac{BC}{AC} = \frac{B'C'}{A'C'}$

$BC = AC \times \frac{B'C'}{A'C'}$

$A'C' = 3$cm

$BC - B'C' = AC \times A'C' = 0{,}75$

~~$BC - B'C' = 0{,}75$~~

~~$BC = 0{,}75$~~

~~$\sin(28) = \frac{B'C'}{3}$ $B'C' = 3\sin(28)$ $B'C' = 23{,}47358...$~~

$\tan(28) = \frac{B'C'}{A'C'}$ $B'C' = 3\tan(28)$

$B'C' = 2{,}6583...$

$\tan(28) = \frac{BC}{AC}$ $15\tan(28) = BC$

$BC = 7{,}975641...$

$H^2 = BC^2 + AC^2$ $\sqrt{28{,}8...} = 16{,}97...$ ✓

$\tan A = \frac{a}{b}$

$a = b\tan A$

2024/10/04

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trust my application

profile

PROFILE {
- FONCTION(S)[ ]
- INFO(S)[ ]
}
↳ LOCAL_STORAGE+[P2P]

REVERSE THE DNI

↳SEARCH→INDEX(t-MAPP_DIRECTORY_SERVER)
↳CLIENT(PROFILE)→(P2P_NET)→Client(client)
IF(SERVICE=$_CARD)
FOR($=$_CARD){
CLIENT($)→t-MAPP_$-SERVER-NET→
↳Client(PROFILE_WALLET)
}
ELSE
(P2P)→(CLIENT[service])→(P2P)→[client[request]])