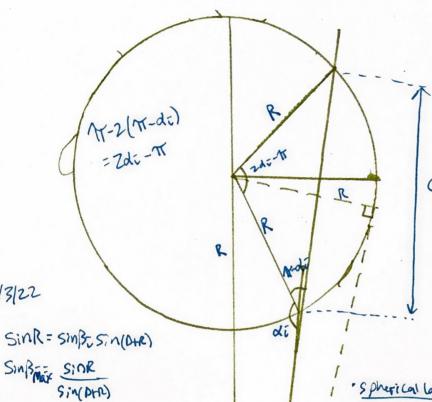
Y3/22

we bec

COSBERT 1 - STARR SMY (OHP)

tan B== Sin R



0

· Planor law of Cosines

C2= 2R2 (1- (05(2dz-47))

= (OS(T-2d=) = - (os(2d=)

C2=4R2605260

C=2R/cosdil

· Spherial law of sines

Sinde = SINBE , SINDE = SINDER SINBE

LOSA = = -7 1 - Sin2(OFR) Sin28= - Meed (-) since of 2 17/2

· Spherical law of cosins

1 COSR = COS (DTR)COSDE +S: NOTR)SONDE COSBE

Di / cos(OtR)=CosRcos Di + Sinasin Dicosdi

1 1) Eliminate costi, x topby cose + bothom by -cos(4/2) + and

COSTR-List(DIR) = (LOSRSIMIDAR) COSE - SINR COSIDIRO COSE STADE 2) Eliminate sin Di, x to play sincross = & bottomby - Sm(ofe) loop=

COM SINKLOSPLOST -SIN(UTP) LOS (OTP) LOS PE =

(SIMPLOS(OFP) LOSAL - LOSALSIN(OFP) LOSB - ) LOS DE

3) Divide the equations

COSIR- COSI(OFF) = tanD=

Sin(Otr) los(Otr) losp - Sinklos Rlosd-

frut

Mandada Fir Bi=0, di= Tr tandi= tand = Di=DV

Waif HR77- Jaitneed Prox = Stan' (SINR ) SIMPR) = 5:NOS:N(0+20)

+1 SINYOHR) - SINZR