$\frac{\sin \theta}{\cos \theta} = \frac{x \sin \theta}{1 - x \cos \theta}$   $\frac{\sin \theta}{\cos \theta} = \frac{x \sin \theta}{1 - x \cos \theta}$   $\frac{\sin \theta}{\cos \theta} = \frac{x \sin \theta}{1 - x \sin \theta}$   $\frac{\sin \theta}{\cos \theta} = \frac{x \sin \theta}{1 - x \sin \theta}$   $\frac{\sin \theta}{\sin \theta} = \frac{x \sin \theta}{1 - x \sin \theta}$   $\frac{\sin \theta}{1 - x \cos \theta}$   $\frac{\sin$ jing - th sin(0+4) } -- D sing = 7 (prover) tand a coint bens a.Sin (0-N) - 68in(0-4) = 0 asing com + brindwy = asinkcoxo + bringuiso > a \ (in 0 cosa - sinaco 01) = ba sin yund a sin(0-n) = bsin(0-1) singury)
asin(0-n) - bsin(0-4)=0 AFR = Ty (1+ tank) (1+ ans) = 2, A = Ty - B (Ny B) tank | tank + tank tank tank tank + tank tank + tank tank + tank tank + tank + tank tank + tank +

tanA + tanA tanB = 1-tanB tanA = 1- tan3-tanAtas tanA = 1- tang(1+ tanA) > 1+ tanA = 2- (fand (1+ tanA) 1(1+tan) + tan) (1+tan) -2 (1+tan) (1+ tans)=2 (proved) sin (A-B-C) = SINA cos (Bec) - cos) A sin(Bec) = Sin {A- (B+C)} co) Affin Boose & cossind -sinAs ourseuse - singsinu) = SINDERS COSE - SIND SINC cost costs sinc 73 Since sind = Zince cus c=2 000404 0180 + alles

ta 45-10 ta 45-0 = \(\int\_{\cos\0-1}\) aug (A+13) = cosAcos13+

= SinArinB L.J = tan 45+8 +a 45-8 2 sin \_ L sin \_ L cos(A+D) = cos( cos (45+0 - 45-0) nos (45+0 + 45+0) = 2 cos A cos II 2 cos (45+0 + 45-8) + cos (45+0 + 45-000) (A-B) = 25 in AvinB  $\cos\left(\frac{90}{2}\right)$ 25in Acosts 2 sin (A+D) + sin (4-D) co) 90 + co) 28  $\frac{1}{\sqrt{1-c^{3}\theta}}$ 1+1/10/0 1-120018 1+120018 tan {(n-y)} m-1 + on {(n+y) Sinn = msiny  $\Rightarrow \frac{31n\pi}{51n\gamma} = \frac{m}{L}$ lower sinn -siny

Sink timy mest

$$\frac{2}{2} \sin \frac{n \pi y}{2} \cos \frac{n \pi y}{2} = \frac{m-1}{m+1}$$

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$$\frac{$$

$$(0-\varphi) \quad \text{Awrant},$$

$$sin \theta + sin \varphi = \sqrt{3} \quad (ca) \varphi - cos \theta)$$

$$gar \quad \sigma_{ij} \quad sin 3 \varphi = 0$$