$$|-B - type2|$$

$$|x, x a| = 0$$

$$|x, x b| = 0$$

$$|x, x a| = 0$$

$$|x,$$

$$= p(a+b+c) \left| \begin{array}{c} 1 & b+c \\ 1 & a+c \\ 1 & a+b \end{array} \right|$$

$$= p(a+b+c) \times 0$$

WCo52n = 1-25invx Sind -> COSZN = COS n-sin N C0522 Sin B C052 B (> Cos 2 n = 1 - Sih n - Sih k siny W Cos 2 N = 1 - 2 Si'h V N C 0 > 2 > 刀」こ 刀1-刀2 Cus 2d-cos2b sind-sind $N_2 = N_2 - N_3$ Cos 2 b - cos2) sing-sin) (u>2) Sin) Cos22 - Cos2B sind-sinf 2) 1 Co32 P - co32) Sinf - sin)

 $= \frac{1 - 2 \sin^2 \alpha}{1 - 2 \sin^2 \beta}$ $1 - 2 \sin^2 \beta - 1 + 2 \sin^2 \beta$ Sind - Sinß sinß - siny Sind - Sinf -2 (Sin~d - Sin~b) -2 (Sin~f - Sin~p) 5. nf - sin)/ $S_{1}^{i}hd - S_{i}^{i}h\beta$ $= -2 \left(\frac{\sin 2 + \sin \beta}{\sin \beta} \right) \left(\frac{\sin 2 - \sin \beta}{\sin \beta} - \frac{\sin \beta}{\sin \beta} \right)$ $S_1'h\beta - S_1'h\gamma$

 $=-2\left(\sin\alpha-\sin\beta\right)\left(\sin\beta-\sin\gamma\right)\left(\sin\beta+\sin\gamma\right)$ $=-2\left(\sin\beta+\sin\gamma\right)$ $=-2\left(Sin2-Sin\beta\right)\left(Sin\beta-Sin\lambda\right)\left(Sin\Delta+Sin\beta-Sin\beta\right)$ $= -2 \left(\sin \lambda - \sin \beta \right) \left(\sin \beta - \sin \gamma \right) \left(\sin \lambda - \sin \gamma \right)$ $= -2 \left(\sin \lambda - \sin \beta \right) \left(\sin \beta - \sin \gamma \right) \left(- \left(\sin \beta \right) - \sin \gamma \right)$ $= -2 \left(\sin \lambda - \sin \beta \right) \left(\sin \beta - \sin \gamma \right) \left(- \left(\sin \beta \right) - \sin \gamma \right)$ -2 (Sind-Sinb) (Sinb-SinV) (SinV-Sind) / Preved)

logn + logy = logny loy Z log y loy > logn-1077=10g2 107 22 10427 logzn 104 32 10737 10y 3 x log Z log x $R_{1} = R_{2} - R_{1}$ loy 27 - Log ? Log 2n-Logn log 2 y - log > 523 = N3-R log3n-log2n Log3y-log3y log32-log22 luy 2 log 7 Loy n Loy 22 log 2n Loy 27 Loy 32 loy 32 luy 37

log y log 2 log n Log 2 = loy2 loy2 log = loy 2 Log 3 log Z Logn Logy - luyr- luy 3/2 $= \lambda y^2 \cdot \lambda y^3 = \chi O$ - O Rroved]