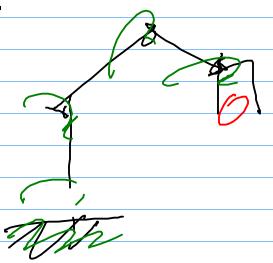
9/22/16 TO COMBINE L POSATIONS 1: 180° ABOUT X AXIS 9- COLT + SING (ALLAYUHAZK) (i O=180° COS == COS PO = 0 51N 2 = 1 $\begin{cases} 2 & 1 \\ -2 & 1 \\ -2 & 1 \\ -2 & 1 \end{cases} = (1,2,3) \qquad (1-2) + 3k$ $\begin{cases} -2 & 1 \\ -2 & 1 \\ -2 & 1 \end{cases} = (1,2,3) \qquad (1-2) + 3k$ $= (1,2,3) \qquad (1-2) + 3k \qquad (1-2) + 3k$ $= (1,2,3) \qquad (1-2) + 3k \qquad (1-2) + 3k$ $= (1,2,3) \qquad (1-2) + 3k \qquad (1-2) +$

R 180 ABOUT X DAS RILLO ABON YANS
ZISII JANEN RZ
COMBINE RITHEN RZ R= 127, = S1=-K -K = (0) = + SIN = (K)

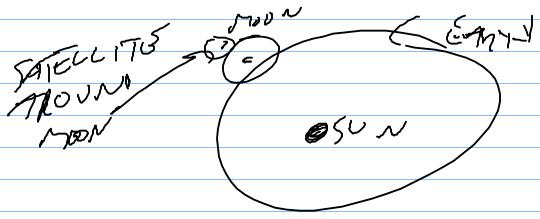
AVIST (0) = 2 - 2 90 0,1800 COMBINIUS (PO AGOST X AXIS THEN NO ABOUT TAXIS 15 SAMEAS 1800 ADOST ZONS

Q Why would you want to combine rotations?

A1: robot arm.



A2 spacecraft



TO 5/700TH FLOM A 703-(> FXB PUZE C ANDLÉ DETWEEN A, S A.B. COSE

AMANIMATE 3X TATION & MATR 70 DO M WEED CONTRIX ROOT COTH CAN PO CATINIX ROOT COTH E(GENVECTORS-) E(GENVALVES.

WHAT ROTATION 49/102 an 1-19/19/24 5/Wt= (1,00) 2-90 2 180