



Pemerne: Bantubrian regrage

1) $A_2 = \begin{pmatrix} -1 & 0 & 0 \\ 0 & -1 & 0 \end{pmatrix}$; $A_3 = \begin{pmatrix} 0 & 0 & 1 \\ 0 & 0 & 0 \\ 0 & 0 & 1 \end{pmatrix}$ $A_{3}A_{2} = \begin{pmatrix} 0 & 0 & 1 \\ 0 & 1 & 0 \end{pmatrix} \begin{pmatrix} -1 & 0 & 0 \\ 0 & -1 & 0 \end{pmatrix} = \begin{pmatrix} -1 & 0 & 0 \\ -1 & 0 & 0 \end{pmatrix} \begin{pmatrix} 0 & 0 & 1 \\ 0 & 0 & 1 \end{pmatrix}$ 4=1 2' 6 74' 7×' ψ - yrai njeyeccin 0-juan rysayum 9-yron coscorb

COSY - Siny D Siny cosy o cos 0 - Sino Sino coso Q quiz- ques Q ques quiz Ay ADAy = cosy -siny coso sinysino // cos q -siny - SINY COSO COSY - cosysino) sing cosp Sin O cos 6 / cosy cosy - siny siny coso - cosysiny-siny cosocy/ sind sing cosy + cosy coso sing |- siny siny + cosocos year o -cosy sino Sind sinp sin @ cosp colo

Sin
$$\psi$$
 Sin $Q = 1 \Rightarrow \psi = \frac{\pi}{2}$, $\Theta = \frac{\pi}{2}$
Sin Θ Sin $Q = 1 \Rightarrow V = \frac{\pi}{2}$
Orbor: $\psi = \frac{\pi}{2}$, $Q = \frac{\pi}{2}$

$$= \begin{pmatrix} 0 & 0 & -1 \\ 0 & -1 & 0 \end{pmatrix} = \sum_{sin} \psi \sin \theta = -1 \\ -1 & 0 & 0 \end{pmatrix} = \sum_{sin} \psi \sin \theta = -1 \\ 0 = \frac{\pi}{2}$$

Orber:
$$\psi = -\frac{17}{2} = \psi, \Theta = \frac{17}{2}$$