- · Gims rollions
- o Reduction to triangular form by Ginna Chane) rotations

YEBMAN,

decomp of full rock man motion A (men) $\begin{pmatrix} A \\ A \end{pmatrix} = \begin{pmatrix} G_1 \\ G_2 \end{pmatrix} \begin{pmatrix} G_2 \\ G_3 \end{pmatrix} \begin{pmatrix} G_1 \\ G_4 \end{pmatrix} \begin{pmatrix} G_1 \\ G_1 \end{pmatrix} \begin{pmatrix}$

Q unitary (orthogenal)

B alla pobosoige

(h, szms coll)

Be szms rullA#)

Place Rotations Chima est.) = D consider real case: (3) orthoson

Consider now material Pinis St.

Consider nen motion Più st.

Piò: In the Piò (lini), lini) - (cs) Piò: (lini) e i

casolo) signle) for some Q.

= D Pin Pin= I

Let wo = Pina.

The Wall? = (Pion) (Pion) = n Pio Pion = Wall

Gion non zoo or GR, Più rotatos on Enragh O redona in que isigene.

10= Pist = (3)

Cai+ Sas

And

- Sai+ Cas

Eron o

about

wonton, kti, kto

by choosing e and s: Use: make yo =0

-> mi + cmi >0 =D == tm0 = mi =D == mi

Othoranal reduction to -APzuPzzPmPzzPzA Oxxx Ooxxx

-DP34 P24 P25 P14 P15 P27 A = (x x x x x) = R

B = (T) = P34P74P75P14P15P17A

Bo o-Hoperdito & eat Pis

A = (P, P, P, P, P, P, P, P, R) R = OR

Work: Standale orders: 23 + OCAZ) flogo: n(nu)/2 rotations ifordolder: = n3+OCn2)

BUT: Rations on be appoint in poolfel ADD: Josh excines for notices of coton spore sheeters. See: Quatroni F.6: Howehold to upper-lessurbing form: