

P(I) 2003 Q 10(II) DECOUP OF D:

$$D(1) = \begin{pmatrix} 1 & 0 \\ 0 & 1 \end{pmatrix}$$
 $D(a) = \begin{pmatrix} 1 & 0 \\ 0 & 1 \end{pmatrix}$ $D(a) = \begin{pmatrix} -1 & 0 \\ 0 & 1 \end{pmatrix}$ $D(a) = \begin{pmatrix} -1 & 0 \\ 0 & 1 \end{pmatrix}$

$$D''(1) = \begin{pmatrix} 20 \\ 01 \end{pmatrix} \quad D''(a) = \begin{pmatrix} -20 \\ 01 \end{pmatrix} \quad D''(b) = \begin{pmatrix} 20 \\ 01 \end{pmatrix} \quad D''(b) = \begin{pmatrix} 20 \\ 01 \end{pmatrix}$$

$$D''(1) = \begin{pmatrix} 10 \\ 01 \end{pmatrix} \quad D''(a) = \begin{pmatrix} 10 \\ 0-1 \end{pmatrix} \quad D'''(e) = \begin{pmatrix} 10 \\ 0-1 \end{pmatrix} \quad D'''(e) = \begin{pmatrix} -10 \\ 01 \end{pmatrix}$$

CHARACTER TABLE FORV:

EVERY COL. IF DIFFERENT CONJUGACY CLASS (HERE: EVERY COL.) ARE ORTHOGONAL TO EACH OTHERS.

VERIFICATION:

$$(1 \ 1 \ 1) = (1 \ 1 \ 1) = ($$

we uset. Lee no of upies of viep \$151 = 5 ches. elli viep x ches. velt i rep.

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