

河野(K6-166)

v-data : #48 DSコード : [K6-#48-06]\*2  
tkk(4,4,5,5,6,6,6)

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# (1,2), (1,3), (1,4), (1,5), (2,3), (2,4), (2,6), (3,5), (3,6), (4,5), (4,6), (5,6) # 48
#6-11 (4^6,12), #6-11 (4^3), #6-11 (4^4,9), #6-11 (4^3,5), #6-11 (4^ )
##4,4,5,5,6,6,6
* 1 7 -12 -4 * 2 9 -11 -3 * 1 5 8 -10 -3 * 2 -5 6 10 -4 * 1 6 11 -12 -8 -2 * 3 -6 7 -9 8 -4 * 5 9 -12 -10 11 -7
*****
* 1 7 -12 -4
* 2 9 -11 -3
* 1 5 8 -10 -3
* 2 -5 6 10 -4
* 1 6 11 -12 -8 -2
* 3 -6 7 -9 8 -4
* 5 9 -12 -10 11 -7
*****
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• Matveev(M6-65A)と同じDS か ? (←河野氏からの Suggestion ! )

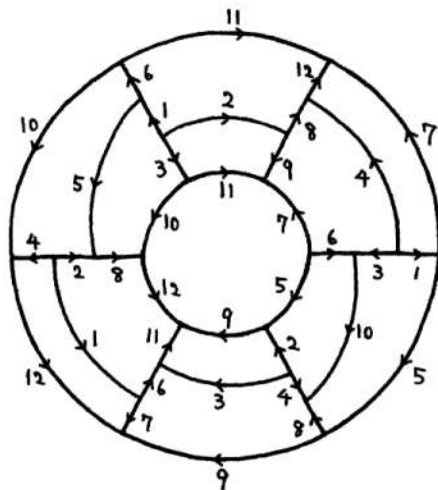
• 多様体の種類 :  $T^2 \times I / \begin{pmatrix} 0 & 1 \\ -1 & -1 \end{pmatrix} ?$

Seifert 構造 :  $M(S^2, (3,1), (3,1), (3,-2)) ?$

$H_1(M) : Z_3 \times Z$

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Aut(K6-166) = D<sub>12</sub>  $x = \begin{pmatrix} 1 & 2 & 3 & 4 & 5 & 6 & 7 & 8 & 9 & 10 & 11 & 12 \\ 3 & 4 & 1 & 2 & 10 & -6 & 11 & -8 & 12 & 5 & 7 & -9 \end{pmatrix},$   
 $y = \begin{pmatrix} 1 & 2 & 3 & 4 & 5 & 6 & 7 & 8 & 9 & 10 & 11 & 12 \\ 2 & 1 & 4 & 3 & -5 & 8 & 9 & 6 & 7 & -10 & 12 & 11 \end{pmatrix}, z = \begin{pmatrix} 1 & 2 & 3 & 4 & 5 & 6 & 7 & 8 & 9 & 10 & 11 & 12 \\ 4 & 3 & 2 & 1 & -10 & -8 & 12 & -6 & 11 & -5 & 9 & 7 \end{pmatrix},$



(K6-166)

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K6-166 :  $\langle 1 \rangle \uparrow \Delta(4,12,-7) \downarrow \Rightarrow$  河野(K6-166)自分自身 ◆  
 K6-166 :  $\langle 7 \rangle \uparrow \Delta(4,12,-1) \downarrow \Rightarrow$  河野(K6-166)自分自身 ◆