

河野(K6-152)

v-data: #46 DSコード: [K6-#46-01]**
tkk(4,4,4,5,5,7,7)

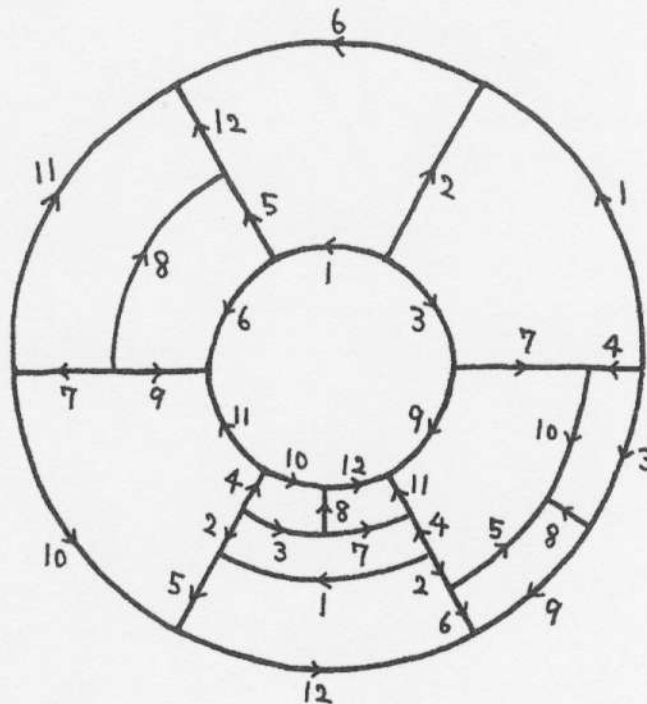
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*****
# (1,2), (1,2), (1,3), (1,4), (2,5), (2,6), (3,4), (3,5), (3,6), (4,5), (4,6), (5,6) # 46
##4,4,4,5,5,7,7 #6-9(4^3,5^2,7^2)
* 3 8 -10 -4 * 5 -8 9 -6 * 7 11 -12 -8 * 1 -2 3 7 -4 * 1 5 12 -6 -2 * 1 6 -11 10 12 -9 -3 * 2 5 -10 -7 9 -11 -4
*****
* 3 8 -10 -4
* 5 -8 9 -6
* 7 11 -12 -8
* 1 -2 3 7 -4
* 1 5 12 -6 -2
* 1 6 -11 10 12 -9 -3
* 2 5 -10 -7 9 -11 -4
*****
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• Reducible to 河野(K5-50) = Matveev(M5-31)

• 多様体の種類: S^3/P_{120}

• $H_i(M) = 0$

$$\text{Aut}(K6-152) = Z_2 \sim \langle x \mid x^2 = 1 \rangle, \quad x = \begin{pmatrix} 1 & 2 & 3 & 4 & 5 & 6 & 7 & 8 & 9 & 10 & 11 & 12 \\ -2 & -1 & 5 & 6 & 3 & 4 & 12 & -8 & -10 & -9 & -11 & 7 \end{pmatrix}$$



(K6-152)

K6-152 : $\langle 4 \rangle \uparrow \Delta(3,8,-10) \downarrow \Delta(5,9,-6) \downarrow \Rightarrow$ 河野(K5-50) ◆