更多的3叫3.

任意 Perm 有代表元(xo, xi, __, xin) 这个等价类 写成 [xo, xi,__, xin] (齐吹之标)

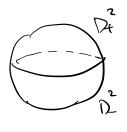
$$\frac{QQ}{RP'} = \frac{(R(30))}{R^*}$$

$$\frac{1}{2x \cdot 1} = \frac{2x \cdot 2y}{2x \cdot 2y} = \frac{1}{2x \cdot 2y}$$

$$\simeq 5'$$

脚之间的美家

$$\begin{cases} \chi_2 = 0 \end{cases} \subset \mathbb{RP}^2$$



$$\mathfrak{H}^{\mathfrak{p}^{\mathfrak{n}}} \setminus \mathbb{RP}^{\mathfrak{n}-1} = \mathring{\mathbb{D}}^{\mathfrak{n}} \cong \mathbb{R}^{\mathfrak{n}}$$





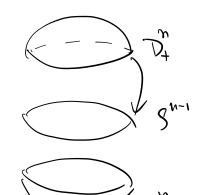
$$f: \partial D = S^{N-1} \xrightarrow{c} N \qquad x \in \partial D \xrightarrow{c} f(x)$$

$$x \in \partial D \sim f(x)$$

$$(2) S^n = S^{n-1} \coprod D^n \coprod D^n / \sim$$

$$f(x) \sim \chi$$

$$f: \Im(D_u^* \prod D_u) \subset S_{u-1}^+ \prod S_{u-1}^- \to S_{u-1}$$

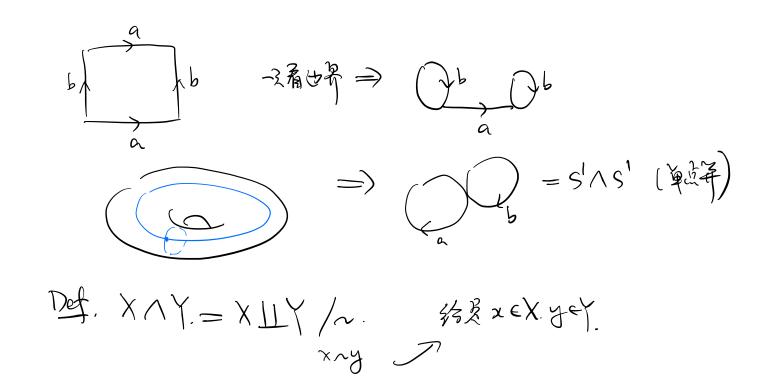


考虑 RP = RP ⅡD /~

$$f: \partial \mathcal{D}_{\mu} \equiv S_{\mu\nu} \xrightarrow{C \cdot b} \mathbb{R}b_{\mu\nu}$$



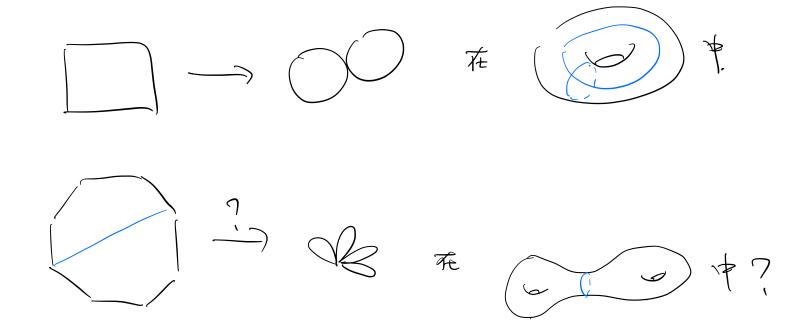
闭南的的多边形卷子.



$$T^2 = D \coprod (S^1 \wedge S^1) / C_1$$

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$$A/2 \longrightarrow 9C \Rightarrow C = 2 \Pi 9C/2 A/3 M/2 X$$



Def X是一个胞脂复形, 若X=UX",且

D. X°是有陶品散点集(零维胞腔)

2)· xⁿ为一个高空间, x^m 且 ? chy c_x ∈ A/ chy chy (n维陀理) f: ∂ chy → xⁿ⁻¹ 为粘贴映射 f(x) ∧ x (局部有限)

3). UCX平今Unx 开对所有Xn

$$\underbrace{eg}_{\alpha}(0) \cdot \mathbb{T}^2 = \underbrace{\lambda}_{b} \wedge \alpha = \underbrace{0}_{c} \cdot \chi^{c}$$

$$(2) \left(\cdot \coprod^{\frac{n}{2}} \coprod^{\frac{n}{2}} \right) / \chi^{1}$$

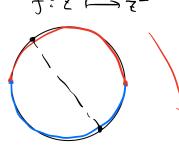
$$f: ? p, q, r, s \downarrow \rightarrow e^{\circ}.$$

$$(1-skeleton)$$

(2).
$$\mathbb{RP}^2$$
 χ° : \mathring{e}

$$\chi': \bigcirc = (\underbrace{\Pi \circ \downarrow}) / f_{; \langle a,b \rangle} \rightarrow e^{\circ}$$

$$\chi_{s}$$
: $\mathbb{K}_{s} = \left(\begin{array}{c} \\ \\ \end{array} \right) \mathcal{T} \mathcal{D}_{s}$

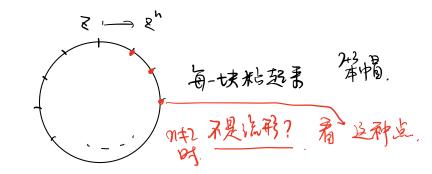


メハダミシタはっ手切り 且メハダ×) 一分人称うなる。

$$\chi^2 = \mathcal{O} = \mathcal{O} \perp \mathcal{O} / \mathcal{O}$$

(3)

$$X' = X \perp D / - f; c' \rightarrow c'$$



(5)
$$\mathbb{RP}^h$$
 $\mathbb{RP}^h \setminus \mathbb{RP}^{h-1} = \mathring{\mathbb{D}}^n$

$$f: \partial D^n \rightarrow RP^{-1}, (z_0, ..., z_{mi}) \longrightarrow [z_0, ..., z_{mi}]$$