同3.1 1、整数 2^{-1} 代表 1 条 1 条 1 条 1 条 1 表 1 名 1 表 1 名 1

3.
$$\phi_{1}(\overline{3}\cdot\overline{5})=\phi_{1}(\overline{5}\cdot\overline{3})=\phi_{1}(\overline{7}), \phi_{1}(\overline{3})\cdot\phi_{1}(\overline{5})=\phi_{1}(\overline{5})\cdot\phi_{1}(\overline{3})=\phi_{1}(\overline{7})$$

$$\phi_{1}(\overline{5}\cdot\overline{7})=\phi_{1}(\overline{7}\cdot\overline{5})=\phi_{1}(\overline{3}), \phi_{1}(\overline{5})\cdot\phi_{1}(\overline{7})=\phi_{1}(\overline{7})\cdot\phi_{1}(\overline{5})=\phi_{1}(\overline{3})$$

$$\phi_{1}(\overline{7}\cdot\overline{3})=\phi_{1}(\overline{3}\cdot\overline{7})=\phi_{1}(\overline{5}), \phi_{1}(\overline{5})\cdot\phi_{1}(\overline{7})=\phi_{1}(\overline{7})\cdot\phi_{1}(\overline{3})=\phi_{1}(\overline{5})$$

$$\phi_{1}(\overline{7}\cdot\overline{3})=\phi_{1}(\overline{3}), \phi_{1}(\overline{7})\cdot\phi_{1}(\overline{3})=\phi_{1}(\overline{3})\cdot\phi_{1}(\overline{7})=\phi_{1}(\overline{3})$$

$$\phi_{1}(\overline{3}\cdot\overline{3})=\phi_{1}(\overline{7}), \phi_{1}(\overline{3})\cdot\phi_{1}(\overline{3})=\phi_{1}(\overline{7})$$

$$\phi_{1}(\overline{5}\cdot\overline{5})=\phi_{1}(\overline{7}), \phi_{1}(\overline{5})\cdot\phi_{1}(\overline{5})=\phi_{1}(\overline{7})$$

$$\phi_{1}(\overline{7}\cdot\overline{7})=\phi_{1}(\overline{7}), \phi_{1}(\overline{7})\cdot\phi_{1}(\overline{7})=\phi_{1}(\overline{7})$$

$$\phi_{1}(\overline{7}\cdot\overline{7})=\phi_{1}(\overline{7}), \phi_{1}(\overline{7})\cdot\phi_{1}(\overline{7})=\phi_{1}(\overline{7})$$

$$\phi_{1}(\overline{7}\cdot\overline{7})=\phi_{1}(\overline{7}), \phi_{1}(\overline{7})\cdot\phi_{1}(\overline{7})=\phi_{1}(\overline{7})$$

$$\phi_{1}(\overline{7}\cdot\overline{7})=\phi_{1}(\overline{7}), \phi_{1}(\overline{7})\cdot\phi_{1}(\overline{7})=\phi_{1}(\overline{7})$$

また、豆も一つかん(豆)もか(豆)であるから、かは学鮮である。陶

4.
$$G_{\varphi} = \langle f_{\varphi} \rangle = \langle f_{$$

6 -
$$\phi_{2}((\cdot, \alpha)) = \phi(\alpha), \phi_{2}((\cdot), \phi_{2}(\alpha)) = \phi_{1}(\alpha), \phi_{2}((\cdot)) = \phi_{2}(\alpha)$$

$$\phi_{1}(\zeta_{4}, \zeta_{4}^{2}) = \phi_{1}(\zeta_{4}^{2}, \zeta_{4}) = \phi_{2}(\zeta_{4}^{2}), \phi_{1}(\zeta_{4}^{2}) \phi_{2}(\zeta_{4}) = \phi_{2}(\zeta_{4}^{2}, \zeta_{4}^{2})$$

$$\phi_{2}(\zeta_{4}, \zeta_{4}^{2}) = \phi_{1}(\zeta_{4}^{2}, \zeta_{4}) = \phi_{2}(\zeta_{4}^{2}, \zeta_{4}^{2}), \phi_{2}(\zeta_{4}^{2}) \phi_{2}(\zeta_{4}^{2$$

であるもら、2となる2としまみのイテッアルをけるてよい。