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& \exists \xi \in \mathbb{R} = 0, & \forall \xi \in \mathbb{R} \\
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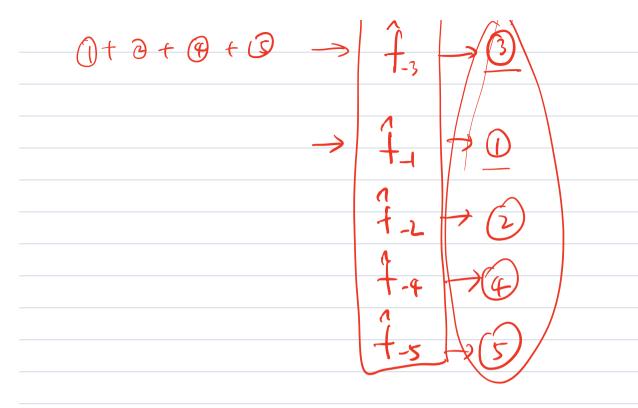
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$$P \qquad \chi_1, \chi_2, \ldots, \chi_p$$

$$2 \times 2 \times \cdots \times 2 = 2^p$$

$$P = 10 \qquad 2^{p} \times 1,000$$

$$M_{0} \qquad 1 \qquad \rightarrow M_{0}^{*}$$

$$M_{1} \qquad P \qquad {p \choose 1} \rightarrow M_{1}^{*}$$

$$M_{2} \qquad {p \choose 2} \rightarrow M_{2}^{*}$$

$$\vdots$$

$$M_{p} \qquad 1 \qquad {p \choose p} \rightarrow M_{p}^{*}$$

