

永中鍾定邦

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NO 343 表 139
343 表 101

$$\text{ex. 4 } \mathbb{Z}_6 \begin{cases} f(x) \equiv 2x-9 \pmod{x^2-3x+5} \\ f(x) \equiv 26 \pmod{x+4} \\ f(x) \equiv -5 \pmod{x-2} \end{cases}$$

$$\text{th' } v(x) \text{ of } f(x) \div (x^2-3x+5)(x+4)(x-2)$$

$$f(x) \equiv \left(\right)(x+4)(x-2) + \left(-\frac{26}{57}\right)(x^2-3x+5)(x-2) \\ + \left(-\frac{5}{18}\right)(x^2-3x+5)(x+4)$$

\equiv