3 - Chińskie Twierdzenie o Resztach

Wednesday, 19 June 2024

16:04

Major ution l'ongruenzi:

$$X = a_1 \pmod{m_1}$$

$$X = a_2 \pmod{m_2}$$

$$X = a_n \pmod{m_n}$$

Niech
$$C_1 = m_1^{-1} \pmod{m_2}$$
, $C_2 = m_2^{-1} \pmod{m_1}$
When $X = \alpha_1 C_2 m_2 + \alpha_2 C_1 m_1 \pmod{m_1 m_2}$