1001.

C, Cz, ..., Cn & Integers d, , dz, ..., In a relatively prime positive integers $X = Sall x | x = C_{mi} \mod d_{mi}$

Ozdież...da Dizd.

5: D: + tidi = 1 => D: = 1 mod d:

Diodi = di mod di

D = Q mod di

Siz 1 mod di

 $\chi = kD + \sum_{i=1}^{n} C_{i} S_{i} D_{i}$

 $\begin{array}{lll}
\chi &= kD + C_1 S_1 D_1 + C_2 S_2 D_2 + + C_n S_n D_n \\
&= O mod d_2 & C_1 S_1 mod d_1 & C_2 S_2 mod d_n
\end{array}$

Since $5i \ge 1 \mod l_i$, $C_i S_i \mod d_i \ge C_i \mod d_i$ $\chi \ge \sum_{i=1}^{n} C_i \mod d_n$