

> # Prime Solution EQ  $X^3 - p1 \cdot X^2 + p2 \cdot X - ph = 0$  by H·E :

$$EQ_{H \cdot E} No(1) = [\{1\} X^3 - \{19\} X^2 + \{103\} X - \{165\} = 0]$$
$$\text{解}_{H \cdot E} = (\{X=3\}, \{X=5\}, \{X=11\})$$

$$EQ_{H \cdot E} No(2) = [\{1\} X^3 - \{31\} X^2 + \{199\} X - \{345\} = 0]$$
$$\text{解}_{H \cdot E} = (\{X=3\}, \{X=5\}, \{X=23\})$$

$$EQ_{H \cdot E} No(3) = [\{1\} X^3 - \{23\} X^2 + \{151\} X - \{273\} = 0]$$
$$\text{解}_{H \cdot E} = (\{X=3\}, \{X=7\}, \{X=13\})$$

$$EQ_{H \cdot E} No(4) = [\{1\} X^3 - \{29\} X^2 + \{211\} X - \{399\} = 0]$$
$$\text{解}_{H \cdot E} = (\{X=3\}, \{X=7\}, \{X=19\})$$

$$EQ_{H \cdot E} No(5) = [\{1\} X^3 - \{31\} X^2 + \{271\} X - \{561\} = 0]$$
$$\text{解}_{H \cdot E} = (\{X=3\}, \{X=11\}, \{X=17\})$$

$$EQ_{H \cdot E} No(6) = [\{1\} X^3 - \{43\} X^2 + \{439\} X - \{957\} = 0]$$
$$\text{解}_{H \cdot E} = (\{X=3\}, \{X=11\}, \{X=29\})$$

$$EQ_{H \cdot E} No(7) = [\{1\} X^3 - \{23\} X^2 + \{167\} X - \{385\} = 0]$$
$$\text{解}_{H \cdot E} = (\{X=5\}, \{X=7\}, \{X=11\})$$

$$EQ_{H \cdot E} No(8) = [\{1\} X^3 - \{29\} X^2 + \{239\} X - \{595\} = 0]$$
$$\text{解}_{H \cdot E} = (\{X=5\}, \{X=7\}, \{X=17\})$$

$$EQ_{H \cdot E} No(9) = [\{1\} X^3 - \{31\} X^2 + \{263\} X - \{665\} = 0]$$
$$\text{解}_{H \cdot E} = (\{X=5\}, \{X=7\}, \{X=19\})$$

$$EQ_{H \cdot E} No(10) = [\{1\} X^3 - \{41\} X^2 + \{383\} X - \{1015\} = 0]$$
$$\text{解}_{H \cdot E} = (\{X=5\}, \{X=7\}, \{X=29\})$$

$$EQ_{H \cdot E} No(11) = [\{1\} X^3 - \{29\} X^2 + \{263\} X - \{715\} = 0]$$
$$\text{解}_{H \cdot E} = (\{X=5\}, \{X=11\}, \{X=13\})$$

$$EQ_{H \cdot E} No(12) = [\{1\} X^3 - \{41\} X^2 + \{479\} X - \{1495\} = 0]$$
$$\text{解}_{H \cdot E} = (\{X=5\}, \{X=13\}, \{X=23\})$$

$$EQ_{H.E} No(13) = [\{1\}X^3 - \{47\}X^2 + \{587\}X - \{1885\} = 0]$$
$$\text{解}_{H.E} = (\{X=5\}, \{X=13\}, \{X=29\})$$

$$EQ_{H.E} No(14) = [\{1\}X^3 - \{41\}X^2 + \{503\}X - \{1615\} = 0]$$
$$\text{解}_{H.E} = (\{X=5\}, \{X=17\}, \{X=19\})$$

$$EQ_{H.E} No(15) = [\{1\}X^3 - \{47\}X^2 + \{647\}X - \{2185\} = 0]$$
$$\text{解}_{H.E} = (\{X=5\}, \{X=19\}, \{X=23\})$$

$$EQ_{H.E} No(16) = [\{1\}X^3 - \{31\}X^2 + \{311\}X - \{1001\} = 0]$$
$$\text{解}_{H.E} = (\{X=7\}, \{X=11\}, \{X=13\})$$

$$EQ_{H.E} No(17) = [\{1\}X^3 - \{37\}X^2 + \{419\}X - \{1463\} = 0]$$
$$\text{解}_{H.E} = (\{X=7\}, \{X=11\}, \{X=19\})$$

$$EQ_{H.E} No(18) = [\{1\}X^3 - \{41\}X^2 + \{491\}X - \{1771\} = 0]$$
$$\text{解}_{H.E} = (\{X=7\}, \{X=11\}, \{X=23\})$$

$$EQ_{H.E} No(19) = [\{1\}X^3 - \{47\}X^2 + \{599\}X - \{2233\} = 0]$$
$$\text{解}_{H.E} = (\{X=7\}, \{X=11\}, \{X=29\})$$

$$EQ_{H.E} No(20) = [\{1\}X^3 - \{37\}X^2 + \{431\}X - \{1547\} = 0]$$
$$\text{解}_{H.E} = (\{X=7\}, \{X=13\}, \{X=17\})$$

$$EQ_{H.E} No(21) = [\{1\}X^3 - \{59\}X^2 + \{1031\}X - \{4669\} = 0]$$
$$\text{解}_{H.E} = (\{X=7\}, \{X=23\}, \{X=29\})$$

$$EQ_{H.E} No(22) = [\{1\}X^3 - \{43\}X^2 + \{599\}X - \{2717\} = 0]$$
$$\text{解}_{H.E} = (\{X=11\}, \{X=13\}, \{X=19\})$$

$$EQ_{H.E} No(23) = [\{1\}X^3 - \{53\}X^2 + \{839\}X - \{4147\} = 0]$$
$$\text{解}_{H.E} = (\{X=11\}, \{X=13\}, \{X=29\})$$

$$EQ_{H.E} No(24) = [\{1\}X^3 - \{47\}X^2 + \{719\}X - \{3553\} = 0]$$
$$\text{解}_{H.E} = (\{X=11\}, \{X=17\}, \{X=19\})$$

$$EQ_{H.E} No(25) = [\{1\}X^3 - \{53\}X^2 + \{911\}X - \{5083\} = 0]$$

$$\text{解}_{H \cdot E} = (\{X=13\}, \{X=17\}, \{X=23\})$$

$$EQ_{H \cdot E} \text{No}(26) = [\{1\}X^3 - \{59\}X^2 + \{1091\}X - \{6409\} = 0]$$

$$\text{解}_{H \cdot E} = (\{X=13\}, \{X=17\}, \{X=29\})$$

$$EQ_{H \cdot E} \text{No}(27) = [\{1\}X^3 - \{59\}X^2 + \{1151\}X - \{7429\} = 0]$$

$$\text{解}_{H \cdot E} = (\{X=17\}, \{X=19\}, \{X=23\})$$

(1)

