

$$F = \{H \wedge S\},$$

$$H = \{(-2, 4, 5), (-5), (-4, 5, -2)\},$$

$$S = \{(1, 2), (-2, 3)\}$$

UPDeci

UPDeci-HRP

①<sup>-5</sup><sub>hup</sub>: 传播硬单元子句 (-5)

$$H = \{(-2, 4), (-4, -2)\},$$

$$S = \{(1, 2), (-2, 3)\}$$

②<sup>2</sup><sub>ran</sub>: 随机传播未赋值变量 (2)

$$H = \{(4), (-4)\},$$

$$S = \{(3)\}$$

②<sup>-4</sup><sub>hrp</sub>: 传播硬单元子句 (-4)

$$H = \{(-2)\},$$

$$S = \{(1, 2), (-2, 3)\}$$

③<sup>-4</sup><sub>hup</sub>: 传播硬单元子句 (-4)

$$H = \{\square\},$$

$$S = \{(3)\}$$

③<sup>-2</sup><sub>hup</sub>: 传播硬单元子句 (-2)

$$H = \{\textit{satisfied}\},$$

$$S = \{(1)\}$$

④<sup>3</sup><sub>sup</sub>: 传播软单元子句 (3)

$$H = \{\square\},$$

$$S = \{\textit{satisfied}\}$$

④<sup>1</sup><sub>sup</sub>: 传播软单元子句 (1)

$$H = \{\textit{satisfied}\},$$

$$S = \{\textit{satisfied}\}$$

⑤<sup>1</sup><sub>ran</sub>: 随机传播未赋值变量 (1)

$$H = \{\square\},$$

$$S = \{\textit{satisfied}\}$$

⑤<sup>3</sup><sub>ran</sub>: 随机传播未赋值变量 (3)

$$H = \{\textit{satisfied}\},$$

$$S = \{\textit{satisfied}\}$$

初始解:  $\{1, 2, 3, -4, -5\}$ ,  $cost = w \ (-2, 4, 5)$

初始解:  $\{1, -2, 3, -4, -5\}$ ,  $cost = 0$