| $\int \max_{x_1} -7 x_1 + x_2$ | Vettore | Indici di base | Ammissibile | Degenere | Ottimo | |
|---|--|--|------------------------------|------------------------|------------------|-------------------|
| $ \begin{array}{ c c c c c c c c c c c c c c c c c c c$ | x = (6, 2) | 4, 5 | (SI/NO) | (SI/NO) | (SI/NO) | |
| $\begin{cases} x_2 \le 5 \\ 3 x_1 + 2 x_2 \le 22 \end{cases}$ | | | SI | NO | NO | |
| s $x_1 \le 6$ $2x_1 - x_2 \le 16$ | $y = \left(0, \frac{3}{3}, 0, 0, \frac{3}{2}\right)$ | 0) (2, 5) | NO | NO | 100 | |
| (min 642 - 642 + 54. | 1274. +611. +16 | ß= | 34,53 | | | |
| 2-341-45 + 344 + 45 | | | 0,0,6 | 2 1/2 : | -4.0 | |
| 241-342+43+244 | | , , | | | 2 1 | |
| 4 30 | 76 | | | | | |
| | | | | | | |
| $ \begin{cases} \min 3 y_1 - 7 y_2 + 5 y_3 + 22 \\ -y_1 - y_2 + 3 y_4 + 2 y_5 + 2 \end{cases} $ | 0- 00 | | T 1 1. 1 | A1.1 | | |
| $\begin{cases} y_1 & y_2 + 3y_4 + 2y_5 + 2 \\ y_1 - 4y_2 + y_3 + 2y_4 + y_5 - 3y_4 + 3y_5 - 3y_5 + 2y_5 - 3y_5 -$ | | | Indici di base | Ammissibile (SI/NO) | Degenere (SI/NO) | Ottimo (SI/NO) |
| $\bigcup_{ x \leq 1} y \geq 0$ | x = | | 3, 4 | SI | NO | NO |
| (max 2×1+X2 | y = | | 1, 5 | Sl | SI | NO |
| $1 - \times_1 + \times_2 \leq 3$ | P (2 (2 | - /, | | | 9 | |
| $\frac{2}{3}$ - \times_2 -4 \times_2 \leq -7 | B= { 3,4 } | X = 14 | 15) | | • | 16 |
| $\begin{array}{c} 3 \\ 4 \\ +3x_1+2x_2 \leq 2z \end{array}$ | 7=10, | 0,-1/3, | 2/3,0 | 0) | -O ₁ | 33 |
| | | | | | | |
| $\begin{array}{c} 7 + 2 \times_1 + \times_2 \leq 1h \\ 2 + 2 \times_1 - 2 \times_2 \leq 15 \end{array}$ | B={1,5} | $\overline{X} = (2$ | $\frac{11}{3}, \frac{20}{3}$ | | | |
| | $\overline{Y} = (0,$ | 0 0.0 | ,1,0 | | | |
| SIMPLESSO DVAL | | | | | | |
| | amr? SI | | | | passo | 1 |
| | | | Indici o | di base | 4, 6 | 3 |
| 7 = (0,0,0,3/5, | $0,\frac{1}{10}$ | | ı | , | | |
| | controllo il 1° | Vincolo | valore | della | | |
| \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | violate. | > K=5 | funzione | | | |
| AB=(3 2) | d. x | ENTRA | | | | |
| (2 -2) | | k (indice entrante) | | | | |
| 1-2-2// | 1/5/11 | (-1/c -1/c | rapp | porti | | |
| $A_{B} = -\frac{1}{10} \left(-2 \ 3 \right) = \left(-\frac{1}{10} \left(-\frac{1}{10} \ \frac{1}{10} \right) \right) = \left(-\frac{1}{10} \left(-\frac{1}{10} \ \frac{1}{10} \right) \right) = \left(-\frac{1}{10} \left(-\frac{1}{10} \ \frac{1}{10} \right) \right) = \left(-\frac{1}{10} \left(-\frac{1}{10} \ \frac{1}{10} \right) \right) = \left(-\frac{1}{10} \left(-\frac{1}{10} \ \frac{1}{10} \right) \right) = \left(-\frac{1}{10} \left(-\frac{1}{10} \ \frac{1}{10} \right) \right) = \left(-\frac{1}{10} \left(-\frac{1}{10} \ \frac{1}{10} \right) \right) = \left(-\frac{1}{10} \left(-\frac{1}{10} \ \frac{1}{10} \right) \right) = \left(-\frac{1}{10} \left(-\frac{1}{10} \ \frac{1}{10} \right) \right) = \left(-\frac{1}{10} \left(-\frac{1}{10} \ \frac{1}{10} \right) \right) = \left(-\frac{1}{10} \left(-\frac{1}{10} \ \frac{1}{10} \right) \right) = \left(-\frac{1}{10} \left(-\frac{1}{10} \ \frac{1}{10} \right) \right) = \left(-\frac{1}{10} \left(-\frac{1}{10} \ \frac{1}{10} \right) \right) = \left(-\frac{1}{10} \left(-\frac{1}{10} \ \frac{1}{10} \right) \right) = \left(-\frac{1}{10} \left(-\frac{1}{10} \ \frac{1}{10} \right) \right) = \left(-\frac{1}{10} \left(-\frac{1}{10} \ \frac{1}{10} \right) \right) = \left(-\frac{1}{10} \left(-\frac{1}{10} \ \frac{1}{10} \right) \right) = \left(-\frac{1}{10} \left(-\frac{1}{10} \ \frac{1}{10} \right) \right) = \left(-\frac{1}{10} \left(-\frac{1}{10} \ \frac{1}{10} \right) \right) = \left(-\frac{1}{10} \left(-\frac{1}{10} \ \frac{1}{10} \right) \right) = \left(-\frac{1}{10} \left(-\frac{1}{10} \ \frac{1}{10} \right) \right) = \left(-\frac{1}{10} \left(-\frac{1}{10} \ \frac{1}{10} \right) \right) = \left(-\frac{1}{10} \left(-\frac{1}{10} \ \frac{1}{10} \right) \right) = \left(-\frac{1}{10} \left(-\frac{1}{10} \ \frac{1}{10} \right) \right) = \left(-\frac{1}{10} \left(-\frac{1}{10} \ \frac{1}{10} \right) \right) = \left(-\frac{1}{10} \left(-\frac{1}{10} \ \frac{1}{10} \right) \right) = \left(-\frac{1}{10} \left(-\frac{1}{10} \ \frac{1}{10} \right) \right) = \left(-\frac{1}{10} \left(-\frac{1}{10} \ \frac{1}{10} \right) \right) = \left(-\frac{1}{10} \left(-\frac{1}{10} \ \frac{1}{10} \right) \right) = \left(-\frac{1}{10} \left(-\frac{1}{10} \ \frac{1}{10} \right) \right) = \left(-\frac{1}{10} \left(-\frac{1}{10} \ \frac{1}{10} \right) \right) = \left(-\frac{1}{10} \left(-\frac{1}{10} \ \frac{1}{10} \right) \right) = \left(-\frac{1}{10} \left(-\frac{1}{10} \ \frac{1}{10} \right) \right) = \left(-\frac{1}{10} \left(-\frac{1}{10} \ \frac{1}{10} \right) \right) = \left(-\frac{1}{10} \left(-\frac{1}{10} \ \frac{1}{10} \right) \right) = \left(-\frac{1}{10} \left(-\frac{1}{10} \ \frac{1}{10} \right) \right) = \left(-\frac{1}{10} \left(-\frac{1}{10} \ \frac{1}{10} \right) \right) = \left(-\frac{1}{10} \left(-\frac{1}{10} \ \frac{1}{10} \right) \right) = \left(-\frac{1}{10} \left(-\frac{1}{10} \ \frac{1}{10} \right) \right) = \left(-\frac{1}{10} \left(-\frac{1}{10} \ \frac{1}{10} \right) \right)$ | 1/c - 3/2) W= | -1/2 +3/ | (indice u | | | |
| | '5 /10/ | \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\ | | | | |

$$A_{S} W^{4} = (2 1) (-\frac{N_{S}}{-N_{S}}) = -\frac{3}{5} \qquad h = min \left\{ \frac{-y_{i}}{A_{R}} W^{h} / A_{R} W^{$$

h= min { - y; , Ax W < 0 }