```
)3-37 + 2 (1-27)=01-2 (32-327+2-227=0)42-327-1+23=0
∠=>∫3d+2-5d3=0
                                 1 532+2-5+=0 1·2

→ 122-1-27=01·2
dos 8 = dB
                                       6d-20d+4+5-100+100+-142+9=0
=> 8 = 11 -> 3 = 11
( sank + = 2 <=> d= 9, 3=11)
   rank A=3 otherwise
 9.5 Compute the inverse (by Gauss) of the mothix:
 A = \begin{pmatrix} 1 & 4 & 2 & 1 & 0 & 0 \\ 2 & 3 & 1 & 0 & 1 & 0 \\ 3 & 0 & -1 & 0 & 0 & 1 \end{pmatrix} d_{2} = d_{2} - 2d_{1} \begin{pmatrix} 1 & 4 & 2 & 1 & 0 & 0 \\ 0 & -5 & -3 & -2 & 1 & 0 \\ 0 & -12 & -4 & | -3 & 0 & 1 \end{pmatrix} d_{2} = d_{2} \cdot (-5)
                   -12
                         21=21-223
```