06.05.2020 Pake elegjupa  $\begin{pmatrix} 2 & -1 & 56 \\ 1 & (3 & 5) \end{pmatrix} 22 II - 4I \sim \begin{pmatrix} 2 & -1 & 56 \\ 40 & +3 & 14 \\ 0 & -9 & -3 & -12 \end{pmatrix} II + 3I$ 2 (0 3 1 4) => & rang = 2 (101-60 hyrebra

27 rang = 3

$$\begin{pmatrix} 1 & 1 & 3 & -7 & 1 \\ 2 & -1 & 1 & 6 & -4 \end{pmatrix} \square + \boxed{\square} + \boxed{\square} + \boxed{\square} + \boxed{\square}$$

一下一下 ~ \( \begin{pmatrix} 1 & 1 & 3 & -7 & 1 \\ 0 & -3 & -5 & -8 & -6 \\ 0 & 0 & 7 & -9 & 12 \\ 0 & 0 & 0 & 7 & -9 & 12 \\ \end{pmatrix} A 2 (0 0 1 2) O r(A) = 1? - Ker, T. k ets kyreline
2 6 1 - 2) r(A) ≥ 1' 3 1601211121 #0 100 012 | = 1 0 0 | = 1.0 - 3.0 = 0 (a) a13 = 1 3 = 1 -0 = 1. +0 => P N(A) = 2 v. v () 0.00 2×2 -> 3×3 2×2>3×3

