$$\begin{cases} 530V1 - 390V4 = 160E1 + 150E2 \quad /\cdot 851 \\ 3670V1 + 80740V2 - 88080V4 = +3670E1 \quad /:367 \\ 8510V1 - 15480V4 = +3670E1 \quad /\cdot(-53) \end{cases}$$

~~530V1~~

$$\begin{cases} 451030V1 - 331890V4 = \overset{136160}{\cancel{\quad\quad}}E1 + 127650E2 \\ 10V1 + 220V2 - 240V4 = +10E1 \\ -451030V1 + 820440V4 = -194510E1 \end{cases} +$$

~~488550V4 = 313650E1 + 127650E2~~

$$488550V4 = \overset{-58356}{\cancel{\quad\quad}}E1 + 127650E2$$

$$V4 = -0,119E1 + 0,261E2$$

podstawiamy V4 do równania (A)

$$530V1 - 390V4 = 160E1 + 150E2$$

$$530V1 + 46E1 - 102E2 = 160E1 + 150E2$$

$$530V1 = 114E1 + 252E2$$

$$V1 = 0,215E1 + 0,475E2$$

podstawiamy V1 i V4 do równanie (B)

$$10V1 + 220V2 - 240V4 = 10E1$$

$$2,15E1 + 4,75E2 + 220V2 + 28,56E1 - 62,64E2 = 10E1$$

$$220V2 = -20,71E1 + 57,89E2 \quad /:220$$

$$V2 = -0,094E1 + 0,263E2$$