$$3.2) \xrightarrow{3} \begin{cases} 3 \\ 1 \\ 1 \\ 1 \end{cases} \xrightarrow{\chi_1} \begin{cases} 3 \\ \chi_2 \\ \chi_3 \end{cases}$$

$$W_{2} = \frac{1}{4\pi\epsilon_{0}} \left( \frac{8.32}{|x_{1} - x_{2}|} + \frac{8332}{|x_{3} - x_{2}|} \right)$$

$$VJ_3 = \frac{1}{4\pi \epsilon} \left( \frac{8193}{|X_1 - X_3|} + \frac{9233}{|X_2 - X_3|} \right)$$

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