



$$\vec{n} = 2 \cdot (1) \begin{bmatrix} 1 \\ 3 \\ 1 \end{bmatrix} + 2 \cdot (1) \begin{bmatrix} 1 \\ 1 \\ 1 \end{bmatrix}$$

$$\vec{n} = 2 \cdot (1) \begin{bmatrix} 1 \\ 3 \\ 1 \end{bmatrix} + 2 \cdot (1) \begin{bmatrix} 1 \\ 1 \\ 1 \end{bmatrix}$$

$$\vec{n} = 2 \cdot (1) \begin{bmatrix} 1 \\ 1 \\ 3 \\ 2 \end{bmatrix} + 2 \cdot (1) \begin{bmatrix} 1 \\ 1 \\ 3 \\ 2 \end{bmatrix} + 2 \cdot (1) \begin{bmatrix} 1 \\ 1 \\ 3 \\ 2 \end{bmatrix} + 2 \cdot (1) \begin{bmatrix} 1 \\ 1 \\ 3 \\ 2 \end{bmatrix} + 2 \cdot (1) \begin{bmatrix} 1 \\ 1 \\ 3 \\ 2 \end{bmatrix} + 2 \cdot (1) \begin{bmatrix} 1 \\ 1 \\ 3 \\ 2 \end{bmatrix} + 2 \cdot (1) \begin{bmatrix} 1 \\ 1 \\ 3 \\ 2 \end{bmatrix} + 2 \cdot (1) \begin{bmatrix} 1 \\ 3 \\ 2 \end{bmatrix} + 2 \cdot (1) \begin{bmatrix} 1 \\ 3 \\ 2 \end{bmatrix} + 2 \cdot (1) \begin{bmatrix} 1 \\ 3 \\ 2 \end{bmatrix} + 2 \cdot (1) \begin{bmatrix} 1 \\ 3 \\ 2 \end{bmatrix} + 2 \cdot (1) \begin{bmatrix} 1 \\ 3 \\ 2 \end{bmatrix} + 2 \cdot (1) \begin{bmatrix} 1 \\ 3 \\ 2 \end{bmatrix} + 2 \cdot (1) \begin{bmatrix} 1 \\ 3 \\ 2 \end{bmatrix} + 2 \cdot (1) \begin{bmatrix} 1 \\ 3 \\ 2 \end{bmatrix} + 2 \cdot (1) \begin{bmatrix} 1 \\ 3 \\ 2 \end{bmatrix} + 2 \cdot (1) \begin{bmatrix} 1 \\ 3 \\ 2 \end{bmatrix} + 2 \cdot (1) \begin{bmatrix} 1 \\ 3 \\ 2 \end{bmatrix} + 2 \cdot (1) \begin{bmatrix} 1 \\ 3 \\ 2 \end{bmatrix} + 2 \cdot (1) \begin{bmatrix} 1 \\ 3 \\ 2 \end{bmatrix} + 2 \cdot (1) \begin{bmatrix} 1 \\ 3 \\ 2 \end{bmatrix} + 2 \cdot (1) \begin{bmatrix} 1 \\ 3 \\ 2 \end{bmatrix} + 2 \cdot (1) \begin{bmatrix} 1 \\ 3 \\ 3 \\ 3 \end{bmatrix} + 2 \cdot (1) \begin{bmatrix} 1 \\ 3 \\ 3 \end{bmatrix} + 2 \cdot (1) \begin{bmatrix} 1 \\ 3 \\ 3 \end{bmatrix} + 2 \cdot (1) \begin{bmatrix} 1 \\ 3 \\ 3 \end{bmatrix} + 2 \cdot (1) \begin{bmatrix} 1 \\ 3 \\ 3 \end{bmatrix} + 2 \cdot (1) \begin{bmatrix} 1 \\ 3 \\ 3 \end{bmatrix} + 2 \cdot (1) \begin{bmatrix} 1 \\ 3 \\ 3$$

①
$$(P_1 + P_2 - P_3) + (9P_1 + 9P_2 - 3P_3) + (P_1 - P_2) = 1$$

11 $P_1 + 9P_2 - 4P_3 = 1$

② $(P_1 + P_2 - P_3) + (9P_1 + 9P_2 - 3P_3) + (-P_1 + P_2) = 1$
 $(P_1 + P_2 - P_3) + (5P_1 + 2P_2 - P_3) = -1$
 $(P_1 + P_2 - P_3) + (5P_1 + 2P_2 - P_3) = -1$
 $(P_1 + P_2 - P_3) + (5P_1 + 2P_2 - P_3) = -1$
 $(P_1 + P_2 - P_3) + (5P_1 + 2P_2 - P_3) = -1$
 $(P_2 + P_3 - P_3) + (5P_1 + 2P_2 - P_3) = -1$
 $(P_3 + P_3 - P_3) + (P_3 + P_3) + (P_3 + P_4) = 1$
 $(P_4 + P_2 - P_3) + (P_4 + P_4) = 1$
 $(P_4 + P_4) + (P_4 + P_4) = 1$
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