## 04.0001.C

$$X = \begin{pmatrix} x \\ y \\ z \end{pmatrix}$$

$$A = \begin{pmatrix} 0 & 1 & 1 \\ -1 & 2 & 1 \\ 2 & 1 & 0 \end{pmatrix}$$

$$S_{p}(A) = \{2, 1, 0, 3, \dots, 2, \dots, 2$$

$$D = \begin{pmatrix} 0 & 0 & 0 \\ 0 & 1 & 0 \\ 0 & 0 & 2 \end{pmatrix} \qquad P = \begin{pmatrix} -1 & 0 & 1 \\ -1 & 1 & 1 \\ 1 & 1 & 1 \end{pmatrix}$$

$$C = \sum_{i=1}^{N} X_i = A \times C = \sum_{i=1}^{N} X_i = P \cdot D \cdot P \cdot 1 \times P \cdot$$

$$\frac{d^2 \sigma}{d^2 \sigma} = \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} = \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} = \frac{1}{2} \frac{$$

donc 
$$X = PY \subset X \setminus Y_1 \setminus Y_2 \setminus Y_2 \setminus Y_3 \setminus Y_4 \setminus Y_2 \setminus Y_3 \setminus Y_4 \setminus Y_4$$