5. 
$$J = \{a + bx + Cx^2 \mid a^2 = b^2 + c^2\}$$

\$\times a \ bx + Cx^2 \rightarrow 0 = 0 + 0.x + 0.x^2

 $J \neq \{\}$ 

\$\times a^2 \cdot b^2 + c^3

\$a = \begin{arrow} b^2 + c^3 \\
 a = \begin{arrow} b^2 + c^3 \\
 a + bx + cx^2 \Rightarrow cx^2 + bx + \begin{arrow} b^2 + c^3 \\
 J = \begin{arrow} c \\
 a + b \x + c \x^2 \Rightarrow cx^2 + bx + \begin{arrow} b^2 + c^3 \\
 J = \begin{arrow} c \\
 a + b \x + c \x^2 \Rightarrow cx^2 + bx + \begin{arrow} b^2 + c^3 \\
 v \ \{a\_0 + b\_0 x + c\_0 x^2 + a^2 + c^3 \}

\times \times \left\{ a\_0 + b\_0 x + c\_0 x^2 \right\{ a\_0 + c\_0 \cdot x^2 + c^3 \}
 \times \left\{ a\_0 + b\_0 x + c\_0 x^2 \right\{ b\_0 + b\_0 \cdot x + (c\_0 + c\_0) x^2 \\
 u + v \ \end{arrow} \left\{ a\_0 + b\_0 x + c\_0 x^2 \\
 \times \left\{ b\_0 + c\_0 \cdot x^2 + b\_0 x + b\_0 x + c\_0 x^2 \\
 \times \left\{ a\_0 + b\_0 x + c\_0 x^2 \\
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 \times \left\{ a\_0 + b\_0 x

.. ) merupakan subruang Po

Menentukan basis  $\mathcal{J} = \{\alpha + b \times + c \times^2 | \alpha^2 = b^2 + c^2 \}$   $k \mathcal{J} = u$   $\begin{bmatrix} \alpha \\ b \end{bmatrix} k = \begin{bmatrix} P \\ q \\ r \end{bmatrix}$   $k \mathcal{J} = P \qquad k \sqrt{b^2 + c^2} = P$   $k \mathcal{J} = P \qquad k \sqrt{b^2 + c^2} = P$   $k \mathcal{J} = P \qquad k \mathcal{J} = P \qquad k \mathcal{J} = P$   $k \mathcal{J} = P \qquad k \mathcal{J} = P \qquad k \mathcal{J} = P$   $k \mathcal{J} = P \qquad k \mathcal{J} = P \qquad k \mathcal{J} = P$   $k \mathcal{J} = P \qquad k \mathcal{J} = P \qquad k \mathcal{J} = P$   $k \mathcal{J} = P \qquad k \mathcal{J} = P \qquad k \mathcal{J} = P$   $k \mathcal{J} = P \qquad k \mathcal{J} = P \qquad k \mathcal{J} = P$   $k \mathcal{J} = P \qquad k \mathcal{J} = P \qquad k \mathcal{J} = P$   $k \mathcal{J} = P \qquad k \mathcal{J} = P \qquad k \mathcal{J} = P$   $k \mathcal{J} = P \qquad k \mathcal{J} = P \qquad k \mathcal{J} = P$   $k \mathcal{J} = P \qquad k \mathcal{J} = P \qquad k \mathcal{J} = P$   $k \mathcal{J} = P \qquad k \mathcal{J$ 

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