

Report of signal and image processing

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1 THE FIRST SECTION

The content of the first section.

$$\begin{aligned}(x+y)^3 &= (x+y)^2(x+y) \\ &= (x^2 + 2xy + y^2)(x+y) \\ &= (x^3 + 2x^2y + xy^2) + (x^2y + 2xy^2 + y^3) \\ &= x^3 + 3x^2y + 3xy^2 + y^3\end{aligned}\tag{1.1}$$

After the formula.

1.1 THE SECOND SECTION

The content of the second section.

$$A = \begin{bmatrix} A_{11} & A_{21} \\ A_{21} & A_{22} \end{bmatrix}\tag{1.2}$$

Content after the formula.

1.1.1 HEADING ON LEVEL 3 (SUBSUBSECTION)

Content.

HEADING ON LEVEL 4 (PARAGRAPH) The first paragraph of section 2.

2 LISTS

2.1 EXAMPLE FOR LIST (3*ITEMIZE)

- First item in a list
 - First item in a list
 - * First item in a list
 - * Second item in a list
 - Second item in a list
- Second item in a list

2.2 EXAMPLE FOR LIST (ENUMERATE)

1. First item in a list
2. Second item in a list
3. Third item in a list