Explanatory analysis of

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# abstract (EX. OF ABST HEADING)

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Please limit abstract to 250 words. Remember to leave a line of space between paragraphs rather than indenting.

# introduction (EX. OF HEADING1)

The main sections of the text portion should be organized using styles named HEADING1. Do not indent paragraphs. Leave a line of space between paragraphs. Leave only a single space between sentences within a paragraph. Subheadings within a section should be all capital letters (HEADING2). Do not leave a line of space below this heading. Sub-subheadings should be typed in capital and lowercase letters (Heading3 & Heading4). Again, do not leave a line of space below this heading.

# DESIGN OF EXPERIMENTS (EX. OF heading1)

This is an example of a main heading section. This section could include sub-sections. It uses “body” text style and is identified with a HEADING1 style beginning the paragraph, as show here.

## experimental (EX. of Heading2)

Here is a subsection (second level heading-HEADING 2). It uses “body” text style and is identified with a HEADING2 style beginning the paragraph, as show here.

## EFFECT OF CHEMISTRY ON MECHANICAL PROPERTIES (EX. OF HEADING2)

Here is another subsection (second level heading-HEADING2.) You may have several second-level headings and within each second level headings, you may have third level headings (Heading.3). It uses “body” text style and is identified with a HEADING2 style beginning the paragraph, as show here.

### Ultimate Strength (Ex. of Heading3)

Here is a sub-subsection (third level heading-Heading3). You may have several third level headings and within each third level heading, you may have fourth level headings (Heading4). It uses “body” text style and is identified with a Heading3 style beginning the paragraph, as show here.

### Yield Stress (Ex. of Heading3)

#### Correlation (Ex. of Heading4)

Here is another sub-subsection (fourth level heading-Heading4.) You may have several fourth level headings. It uses “body” text style and is identified with a Heading4 style beginning the paragraph, as shown here.

#### Predicted Values (Ex. of Heading4)

Here is another example of Heading4, which would be a subsection of Yield Stress (Heading 3).

This is an **unordered** list using bullets

This is another list item

This is another list item

1. This is an **ordered list,** using numbers
2. This is another list item.
3. This is a list ordered list item

# acknowledgments (optional)

This is the Acknowledgment section. This is an optional section. It uses a HEADING1 style and Body style.

# REFERENCES (Ex. of REF HEAD)

References should be noted as a superscript(s) in the body and the reference(s) at the end of the document under REFERENCES.

(Please Note: Indent the second line of the reference if it is more than one line as indicated in the example reference 3 below.Use Ref style for entries shown below. Runovers will automatically indent.)

1. Researcher, A, Research, B., “Congress Paper Title,” *NADCA Transactions 2004*

2. Brown, J.E., *Heat Treatment of Aluminum Alloys*, 2nd ed., p 256, John Fellows Publishing Co., New York, NY (1940)

3. Hellawell, A., The Growth and Structure of Eutectics with Silicon and Germanium, Progress in Materials Science, vol 15, No. 1 (1970).

4. Norris, J. D., Woods, C., “Fluidity of Silicon-Free Iron,” *AFS Transactions*, vol 20, pp 210-270 (1931)

5. Pasz, A., U. S. Patent No. 11,387,900 (Aug. 12, 1991)

EXAMPLES OF FIGURE:

Each figure caption should appear below the figure.

Do not place the list of figures at the end of your paper.

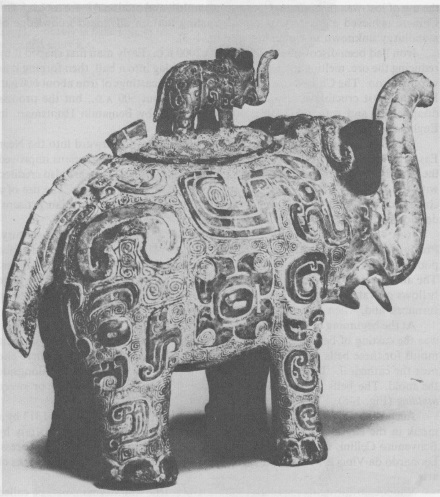


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EXAMPLE OF TABLE CAPTION:

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