

PhD notebook

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1 Teaching

1.1 Course Preparation

2 Bibliography

3 Powder production processes

4 Factors influencing metallic powder size and quality during gas atomization

4.1 Material properties

4.1.1 Pure metal

4.1.2 Alloy

4.2 Gas environment

4.3 Nozzle geometry

4.4 Thermal condition

5 Experiments

5.1 Experiment 1

5.1.1 Description (Setup, parameters, assumptions, hypotheses)

5.1.2 Chronology (facts)

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5.1.3 Decisions & Rationale

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5.1.5 Keep in Mind

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5.1.6 Storytelling

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5.2 Experiment 2

5.2.1 Description (Setup, parameters, assumptions, hypotheses)

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5.2.3 Decisions & Rationale

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