

1 Modeling and Simulation of Macrosegregation Induced by  
2 Thermomechanical Deformation in Steels

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# Chapter 1

## The Holy Grail

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Curabitur tellus magna, porttitor a, commodo a, commodo in, tortor. Donec interdum. Praesent scelerisque. Maecenas posuere sodales odio. Vivamus metus lacus, varius quis, imperdiet quis, rhoncus a, turpis. Etiam ligula arcu, elementum a, venenatis quis, sollicitudin sed, metus. Donec nunc pede, tincidunt in, venenatis vitae, faucibus vel, nibh. Pellentesque wisi. Nullam malesuada. Morbi ut tellus ut pede tincidunt porta. Lorem ipsum dolor sit amet, consectetur adipiscing elit. Etiam congue neque id dolor.

so now i will try to add some entries to the bibliography in the document. So

### 1.1 Da Vinci's test

[1] and [2] are going to appear in the paper

### 1.2 And what Else

en fait ce mode est testé pour voir si les accents genre é è et î sont visibles

### 1 1.3 Trying *SIUNITX*

2 Here i wana test the SI units package via the commands  $0.3 \times 10^{45}$  and the unit km then  
3 i wanted to see if we combine both via  $0.3 \times 10^{45}$  km then finally my personal command

4  $231 \times 10^{-4} \text{ m s}^{-2}$

5  $231 \times 10^{-4} \text{ wt\% C}$

6  $231 \times 10^{-4} \text{ m s}^{-1}$

7  $231 \times 10^{-4} \text{ W m}^{-1} \text{ K}^{-1}$

8  $231 \times 10^{-4} \text{ J kg}^{-1} \text{ K}^{-1}$

9  $231 \times 10^{-4} \text{ J m}^{-3} \text{ K}^{-1}$

10

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