

---

# OOFEM Theory manual

*Release 2.5*

Apr 08, 2021



## **CONTENTS:**

<b>1</b>	<b>Introduction</b>	<b>1</b>
<b>2</b>	<b>General documentation</b>	<b>3</b>
<b>3</b>	<b>Engineering Models documentation</b>	<b>5</b>
<b>4</b>	<b>Element documentation</b>	<b>7</b>
<b>5</b>	<b>Material models documentation</b>	<b>9</b>
<b>6</b>	<b>Indices and tables</b>	<b>11</b>



---

**CHAPTER  
ONE**

---

**INTRODUCTION**

- How to contribute



---

**CHAPTER  
TWO**

---

**GENERAL DOCUMENTATION**



---

**CHAPTER  
THREE**

---

**ENGINEERING MODELS DOCUMENTATION**

- Linear Elasticity.



---

**CHAPTER  
FOUR**

---

## **ELEMENT DOCUMENTATION**

- Truss1D element.



---

**CHAPTER  
FIVE**

---

## **MATERIAL MODELS DOCUMENTATION**

- How to contribute



---

**CHAPTER  
SIX**

---

**INDICES AND TABLES**

- genindex
- modindex
- search