

# DEM Modeling of Ballistic Gelatin for Low Energy Impacts

#### HC Grobbelaar DNJ Els CJ Coetzee

Dept of Mech & Mechatronic Eng, Stellenbosch University, South Africa

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- Blocks
- Colours
- Lists
- Math

#### **Blocks**

#### General block

A general block ...

## Alert block

An alert block ...

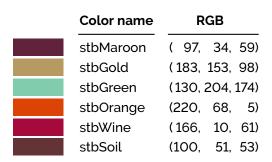
# Example block

An example ...

# Theorem (Theorem block)

A theorem ...

#### **STB Colours**



#### Lists

#### Itemize

- First item
- Second item
- **...**

#### Enumerate

- First item
- Second item
- **3**

# Description

First item ...

Second item ...

... ...

#### Residue Theorem

Let f be analytic in the region G except for the isolated singularities  $a_1, a_2, \ldots, a_m$ . If  $\gamma$  is a closed rectifiable curve in G which does not pass through any of the points  $a_k$  and if  $\gamma \approx 0$  in G then

$$\frac{1}{2\pi i} \int_{\gamma} f = \sum_{k=1}^{m} n(\gamma; a_k) \operatorname{Res}(f; a_k).$$

Another nice theorem from complex analysis is

#### Maximum Modulus

Let G be a bounded open set in  $\mathbb C$  and suppose that f is a continuous function on  $G^-$  which is analytic in G. Then

$$\max\{|f(z)|: z \in G^-\} = \max\{|f(z)|: z \in \partial G\}.$$

Grobbelaar et al Ballistic Gel 67

# Thank you

