

Sorry arima, I'm going Bayesian

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Sommaire

1 La méthode MCMC

2 exemple Utilisation template

- Frames breaker
- Methodology

Blocky block

Just a Block

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Blocky block

Example Block

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Blocky block

Alert Block

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How to use frame-breakings ?

In this template, and only this, I defined a "breakingframe" template frame that should not hold any useful information. The background of this frame is pinkish solid and it is not countable as a separate frame. You can use this as a transitioning page between different topics or for any funny funky stuff to release the tense of the poor audience during your presentation.

```
1 \breakingframe{  
2     Put your contents here, such as images, text ..etc. Be as silly as  
3     possible .. or not!  
    }
```

Look at the next slide, in code, as an example !

Motivation : Q1

- 1 Stone masonry walls are usually not homogeneous through the thickness
- 2 Leaf-separation effects on the strength capacity
- 3 In-plane and out-of-plane behaviours interaction
- 4 Internal cracking onsets and 3D crack paths (cannot be captured experimentally)

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The study main phases



How to arrange stones ?

Objective function

Packing objective

$$\text{Minimize } F(\vec{X}_i)_i = || \vec{S}_i - \vec{S}_{i-1} ||$$

$$\text{Fitness}\left(F(\vec{X}_i)\right)_i = F(\vec{X}_i)_i(1 + \xi_1 P_A)^{\xi_2}$$

- S_i, S_{i-1} : locations of i and $i - 1$ stones
- ξ_1 : penalty multiplier
- ξ_2 : penalty exponent
- P_A : penalties summation

Merci de votre
attention