New Model for RC Buildings

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ABSTRACT

This report presents results of a new model that is a new model with a new parameter set with revolutionary ideas and a set of experimental results that confirm the new model.

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$$\epsilon = \epsilon_e + \epsilon_p \tag{1.1}$$

This is an important formula in Lemaitre (2012) and Mazars and Pijaudier-Cabot (1989). The properties of the material are based on each of three parameter sets shown in Table 1.1 that represent a wide variety of properties.

Table 1.1: Basic properties assumed for a material.

	Class Number				
	I	II	III	IV	V
AAA (GPa)	90	70	50	30	10
BBB (MPa)	250	175	75	35	5
CCC (%)	95	80	60	35	15

1. Item 1
2. Item 2
3. Item 3

2 Building Model

2.1 INTRODUCTION

2.2 MODEL DESCRIPTION

2.2.1 Parameters

$$\epsilon_E = \epsilon_F + \epsilon_G \tag{2.1}$$

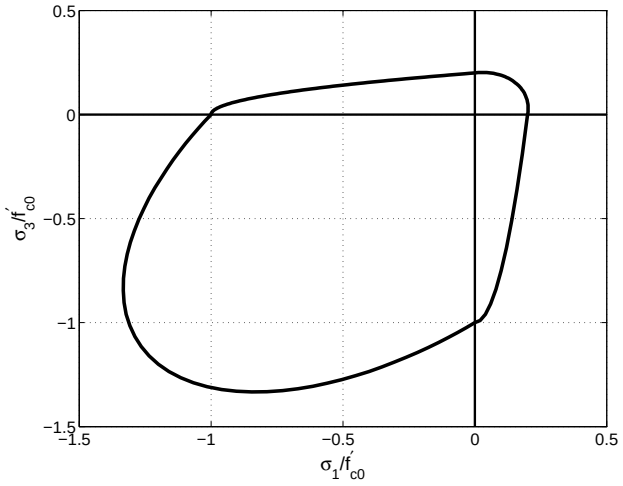

Figure 2.1: This is another beautiful looking figure

1. Item 1
2. Item 2
3. Item 3

REFERENCES

Lemaitre, J. (2012). *A Course on Damage Mechanics*. Springer Science & Business Media.

Mazars, J. and Pijaudier-Cabot, G. (1989). "Continuum damage theory-Application to concrete." *Journal of Engineering Mechanics*, 115(2), 345–365.

Appendix A: Derivation of governing equations

This appendix offers derivations of new equations with more derivations of new equations and more derivations and another set of examples.