## PUT PAPER TITLE HERE PUT PAPER TITLE HERE PUT PAPER TITLE PUT P

# TOYOHIKO YANO<sup>1</sup>, TETSUJI OKAMURA,<sup>2</sup> and HIROSHI SEKIMOTO<sup>1</sup>

<sup>1</sup>Research Laboratory for Nuclear Reactors, Tokyo Institute of Technology, Ookayama, Meguro-ku, Tokyo, 152-8550, Japan
<sup>2</sup>Department of Energy Sciences, Tokyo Institute of Technology, Nagatsuta-cho, Midori-ku, Yokohama, 226-8503, Japan

## ABSTRACT

Put abstract text here. Put abstract text here.

KEYWORDS

keyword1; keyword2; keyword3; keyword4; .

#### 1. INTRODUCTION

Put introduction here. Put introduction here. Put introduction here. Put introduction published (Hashimoto, *et al.* 2000) here. Put introduction here. Put intr

here. Put introduction here.

## 2. MAJOR TOPIC HEADINGS2

Put body of the paper here. Put body of the paper published (Tanaka, *et al.* 2000) here. Put body of the paper published (Okumura, 1998) here. Put body of the paper published (Ishitani and Yamane, 1996) here. Put body of the paper here. Put body of the paper here.

Put body of the paper here. The velocity is defined by

$$V = \frac{dx}{dt} \quad , \tag{1}$$

where *t* is time.

Put body of the paper here. Put body of the paper here.

3. MAJOR TOPIC HEADINGS3

## 3.1 First Subheading

Put body of the paper here. Put body of the paper here. Put body of the paper here. The pressure developments are shown in **Fig.1(a)** and **(b)**, respectively. Put body of the paper here. Put body of the paper here.



**Fig.1** Pressure developments (shown every 1 ms)

The fragmentation time scales are listed in Table 1, together with those of the fragmentation models.

Table 1 Thermal fragmentation time scales	
Time scale	Fragmentation model
0.1 ms	Instant
1.0 ms	Spontaneous nucleation
10 ms	Normal boiling

Table 1 Thermal fragmentation time scales

## 3.2 Second Subheading

Put body of the paper here. Put body of the paper here.

## 4. CONCLUSION

Put conclusions here. Put conclusions here.

## NOMENCLATURE



Billingsley P. (1995), Probability and Measure, John Wiley & Sons, New York.

Hashimoto K., Sano T., Unesaki H., *et al.* (2000), Rapid estimation of core-power ratio in coupled-core system by rod drop method, J. Nucl. Sci. Technol., 37, 565.

Ishitani K., Yamane Y., Uritani A., *et al.* (1996), Measurement of eigenvalue separation by using position sensitive proportional counter, Proc. Int. Conf. on Physics of Reactors, p.E-161. Mito, Japan, 16-20 Sept.

Okumura K. (1998), High Speed Three-dimensional Nodal Code for Vector Computers, JAERI-Data/Code 98-025, Japan Atomic Energy Research Institute (JAERI).

Tanaka S., Nagasaki S., Ohe T., *et al.* (2000), The role of cement to be expected in radioactive waste disposal system, (II); from the standpoint of materials design, Nihon-Genshiryoku-Gakkai Shi (J. At. Energy Soc. Jpn.), 42, 178. [in Japanese].