

55th CIRP Conference on Manufacturing Systems

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First Author^a, Second Author^b, Third Author^{a,b},^aFirst affiliation, Address, City and Postcode, Country^bSecond affiliation, Address, City and Postcode, Country* Corresponding author. Tel.: +0-000-000-0000 ; fax: +0-000-000-0000. E-mail address: author@institute.xxx**Abstract**

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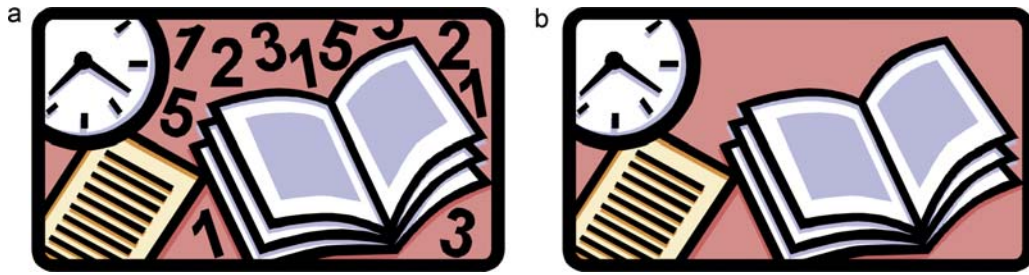


Fig. 1. (a) first picture; (b) second picture.

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$$X_r = \dot{Q}_{rad}'' / (\dot{Q}_{rad}'' + \dot{Q}_{conv}'') \quad (1)$$

$$\rho = \frac{\vec{E}}{J_c(T = \text{const.}) \cdot \left(P \cdot \left(\frac{\vec{E}}{E_c} \right)^m + (1 - P) \right)}$$

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A.1. Example of a sub-heading within an appendix

There is also the option to include a subheading within the Appendix if you wish.

References

- [1] Clark, T., Woodley, R., De Halas, D., 1962. Gas-Graphite Systems, in "Nuclear Graphite". In: Nightingale, R. (Ed.). Academic Press, New York, pp. 387.
- [2] Deal, B., Grove, A., 1965. General Relationship for the Thermal Oxidation of Silicon. Journal of Applied Physics 36.2, 37–70.
- [3] Deep-Burn Project: Annual Report for 2009, Idaho National Laboratory, Sept. 2009.
- [4] Fachinger, J., den Exter, M., Grambow, B., Holgerson, S., Landesmann, C., Titov, M., Podruzhina, T., 2004. "Behavior of spent HTR fuel elements in aquatic phases of repository host rock formations," 2nd International Topical Meeting on High Temperature Reactor Technology. Beijing, China, paper #B08.
- [5] Fachinger, J., 2006. Behavior of HTR Fuel Elements in Aquatic Phases of Repository Host Rock Formations. Nuclear Engineering & Design 236.3, 54.

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