

27th CIRP Life Cycle Engineering (LCE) Conference

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First Author<sup>a</sup>, Second Author<sup>b</sup>, Third Author<sup>a,b,\*</sup>

<sup>a</sup>First affiliation, Address, City and Postcode, Country

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**Abstract**

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\* Corresponding author. Tel.: +0-000-000-0000 ; fax: +0-000-000-0000.  
E-mail address: [author@institute.xxx](mailto:author@institute.xxx) (Third Author).

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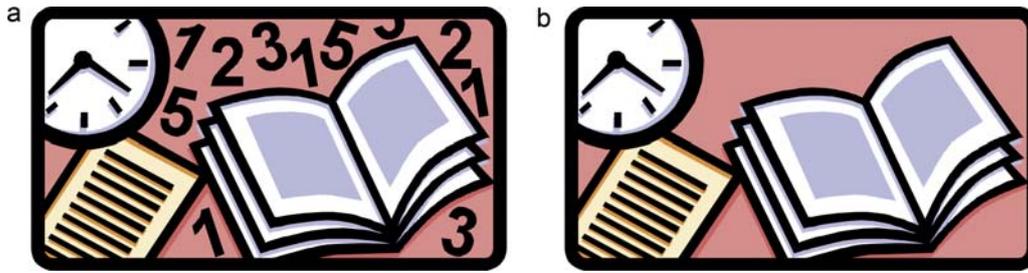


Fig. 1. (a) first picture; (b) second picture.

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

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

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### 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.
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- [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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