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*Atom Indonesia*

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State the objectives of the work and provide an adequate background, state of the art, avoiding a detailed literature survey or a summary of the results. This section should provide the description of the research topic, state of the art of the research topic, research problem/gap, research objectives, and brief description of the methodology to be used to reach research objective.

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**Fig. 1.** Radioactive decay for 128I.

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**Table 1.** Radioactive isotope decay

|  |  |  |
| --- | --- | --- |
| **Isotope** | **Half life** | **Particle Emitted** |
| 32P | 14.3 days | ß |
| 33P | 25 days | ß |
| 14C | 5,730 years | ß |
| 3H | 12.3 years | ß |
| 35S | 87.4 days | ß |
| 125I | 60 days | γ |

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Equations must be written using a built-in equation editor in Microsoft word. The formula should be centered and the equation number, which is written consecutively in round brackets, should be right alignment. Each equation must be referred in the text. Variables must be presented in italics.

The best estimate fuzzy probability of basic event *e* is calculated by aggregating those *n* fuzzy probabilities into one fuzzy probability using Eq. (1).

 $μ\_{e}^{\overbar{b}}\left(x\right)=\sum\_{j=1}^{n}\left(w\_{j}×μ\_{ij}\left(x\right)\right)$ (1)

where *wj* is the weight of the *jth* expert, $μ\_{ij}\left(x\right)$ is the *ith* fuzzy probability in Table 1 given by the *jth* expert to basic event *e* and *n* is the number of experts in the panel.

**conclusion**

A conclusion contains only the main findings of the study and their meaings. It should not replicate the abstract, but might elaborate the significant results, possible applications and extensions of the work.

**ACKNOWLEDGMENT (optional)**

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*This section is for declaring the main contributors of the paper. For example:*

A. First\_author and B.C. Second\_author equally contributed as the main contributors of this paper. All authors read and approved the final version of the paper.

**references**

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