**Table 2: List of nuclear parameters of point kinetics and their respective descriptions.**

|  |  |
| --- | --- |
| **Nuclear parameters** | **Description** |
|  | Reactivity = parameter related to the multiplicative factor of the chain reaction, that is, how much the concentration of neutrons increases, decreases, or remains constant. |
|  | Delayed neutron fraction, considering all groups of precursors, in relation to total neutrons. |
|  | Delayed neutron fraction of each group of precursors in relation to total neutrons. |
|  | Radioactive decay Constant for each group of precursors. |