



if ($\alpha < 100$) {

Should be $\alpha \leq 100$

B_1

}

else {

B_2

}

Relative error.

Specification:

Energy calc -

$$\frac{\text{Energy}_{\text{real}}}{\text{Energy}_{\text{real}}} \leq 10\%$$

\rightarrow No failure

$\alpha = 100$

Correct case: B_1

Execution: $B_2 \rightarrow$ Relative error = 5%.

Fault Activation Rate :

% of Latent Error.

As a testing team lead

100 executions.

10 error

9 failure.

FAR \downarrow LE \uparrow

FAR \downarrow LE: ϕ

FAR \uparrow LE: ϕ

FAR \uparrow LE \downarrow

