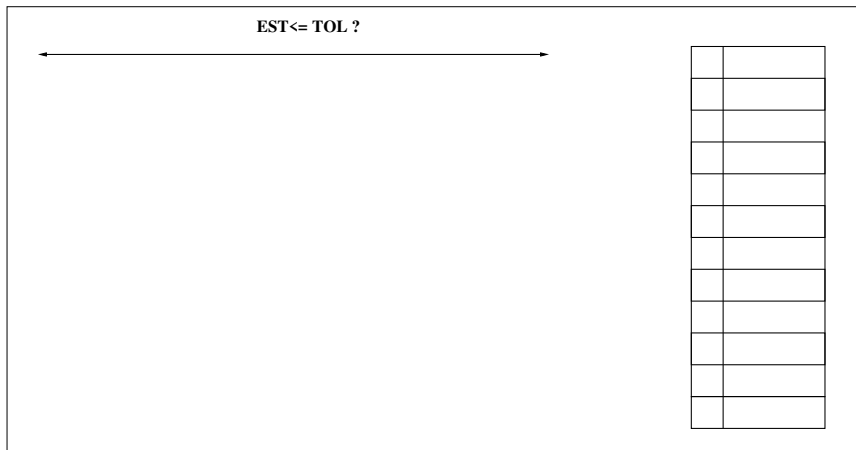


$$\text{criterion } EST|_K \leq TOL \frac{|K|}{|b-a|} = TOL \cdot 2^{-\ell}$$



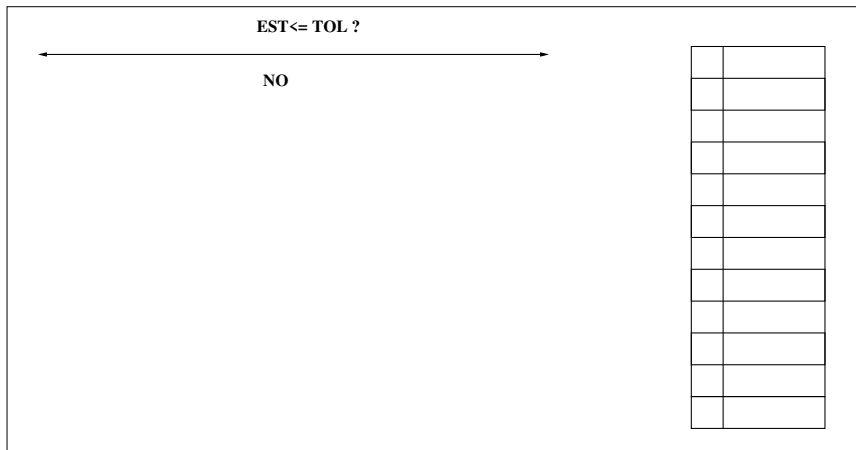
# Local adaptation – QUANC8 code

$$\text{criterion } EST|_K \leq TOL \frac{|K|}{|b-a|} = TOL \cdot 2^{-\ell}$$



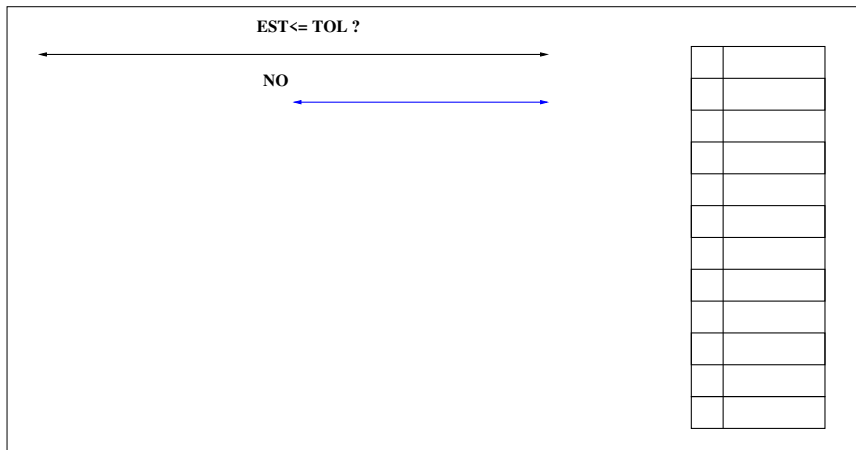
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$$\text{criterion } EST|_K \leq TOL \frac{|K|}{|b-a|} = TOL \cdot 2^{-\ell}$$



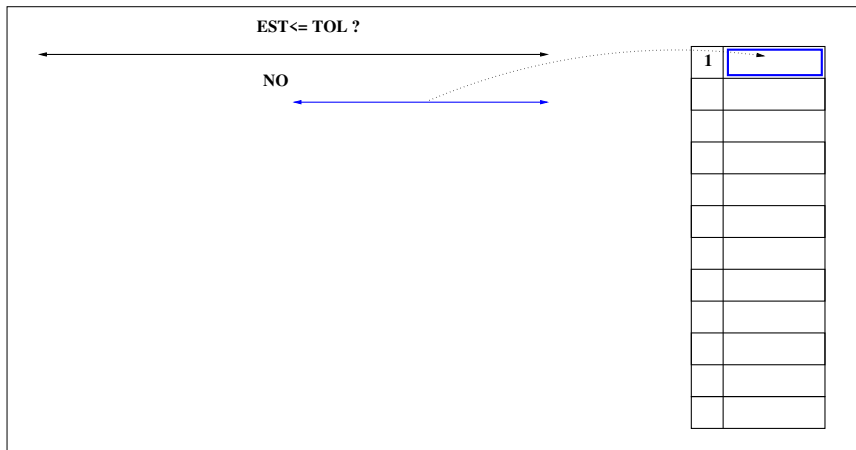
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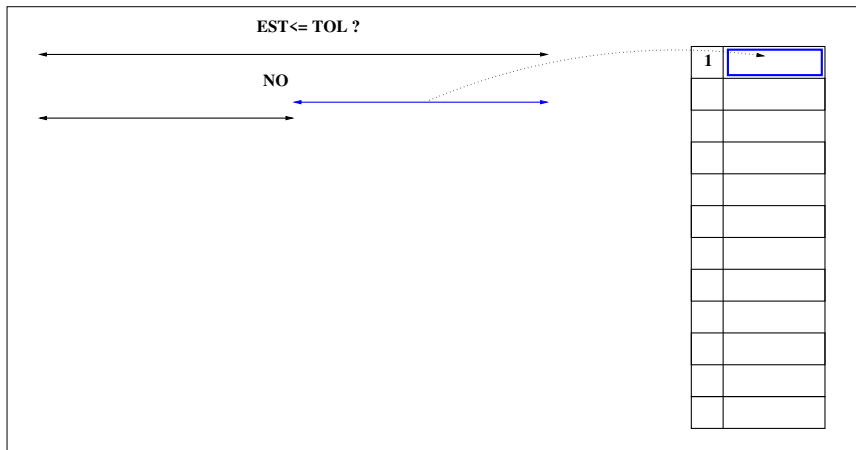


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$$\text{criterion } EST|_K \leq TOL \frac{|K|}{|b-a|} = TOL \cdot 2^{-\ell}$$

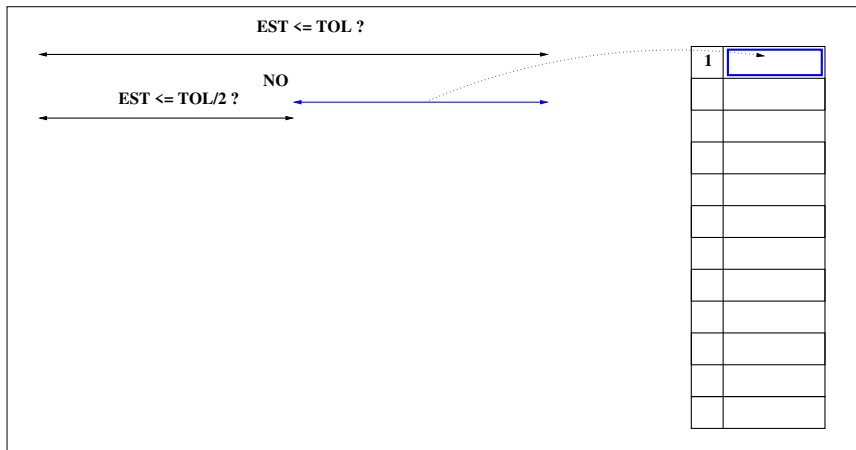


$$\text{criterion } EST|_K \leq TOL \frac{|K|}{|b-a|} = TOL \cdot 2^{-\ell}$$



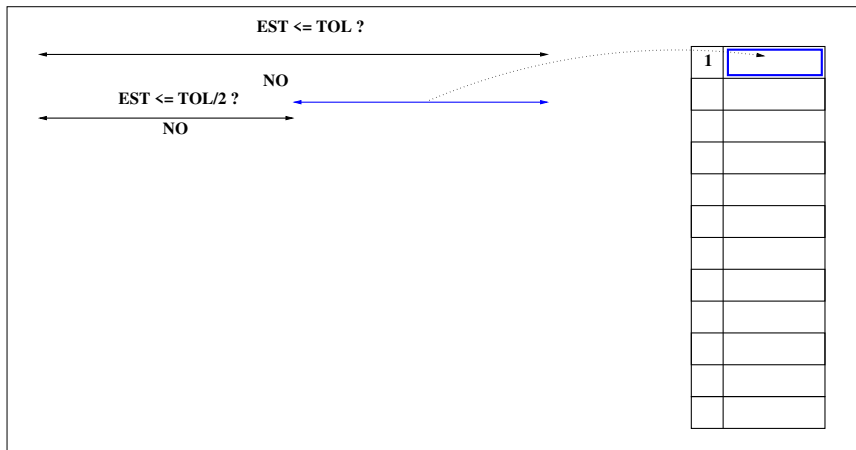
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# Local adaptation – QUANC8 code

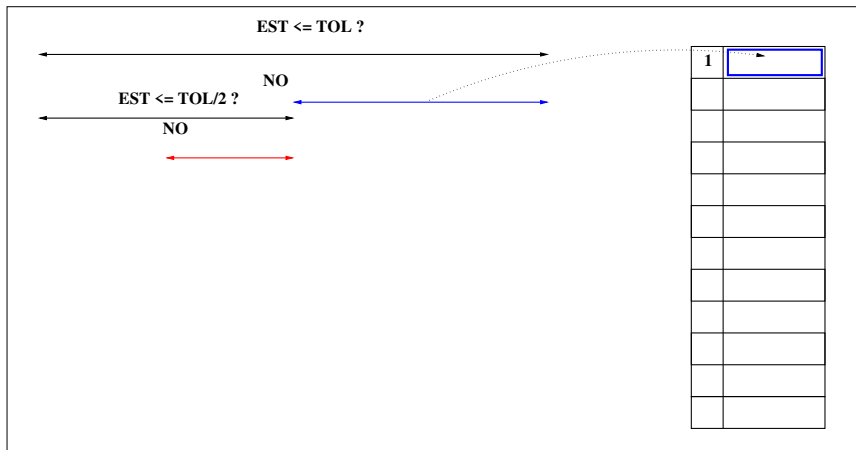
$$\text{criterion } EST|_K \leq TOL \frac{|K|}{|b-a|} = TOL \cdot 2^{-\ell}$$





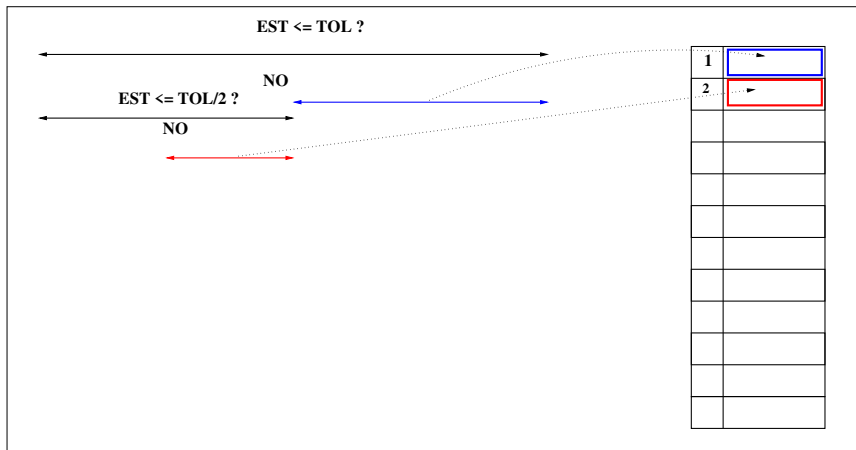
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# Local adaptation – QUANC8 code

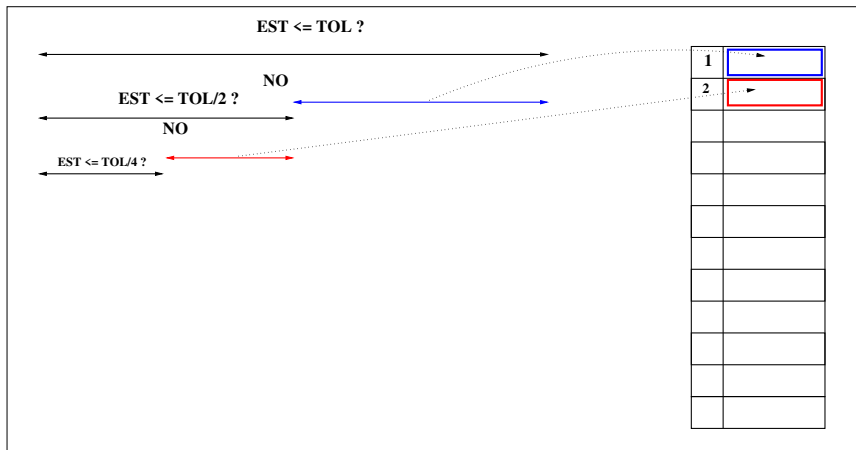
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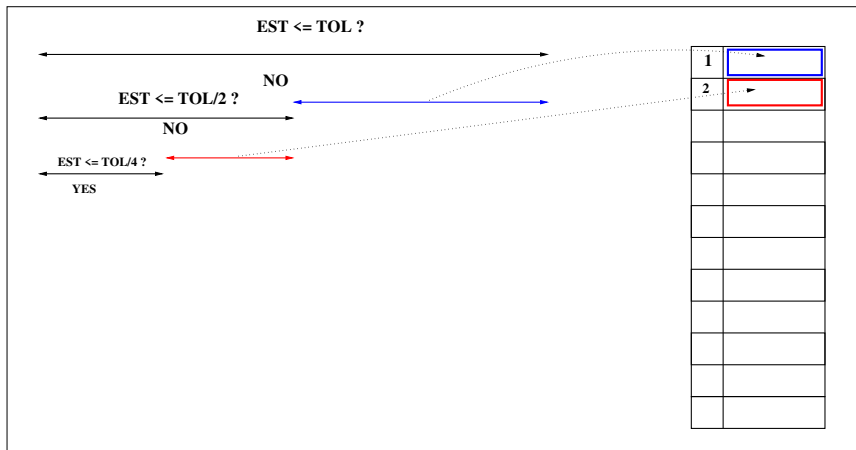
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# Local adaptation – QUANC8 code

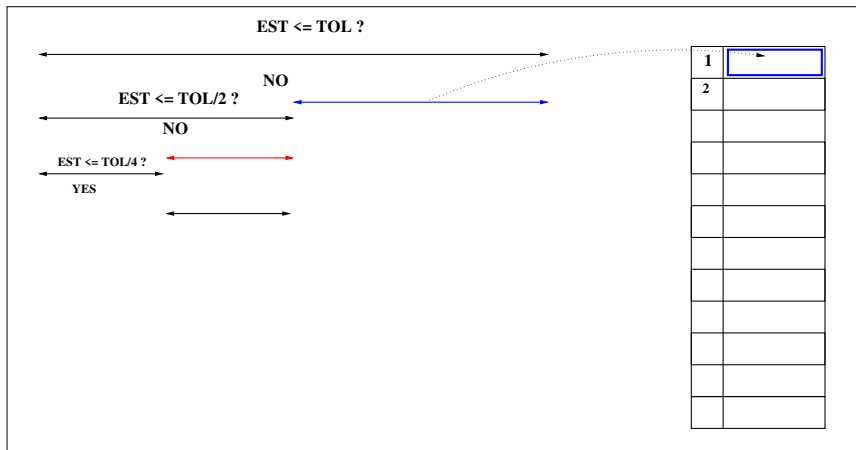
$$\text{criterion } EST|_K \leq TOL \frac{|K|}{|b-a|} = TOL \cdot 2^{-\ell}$$





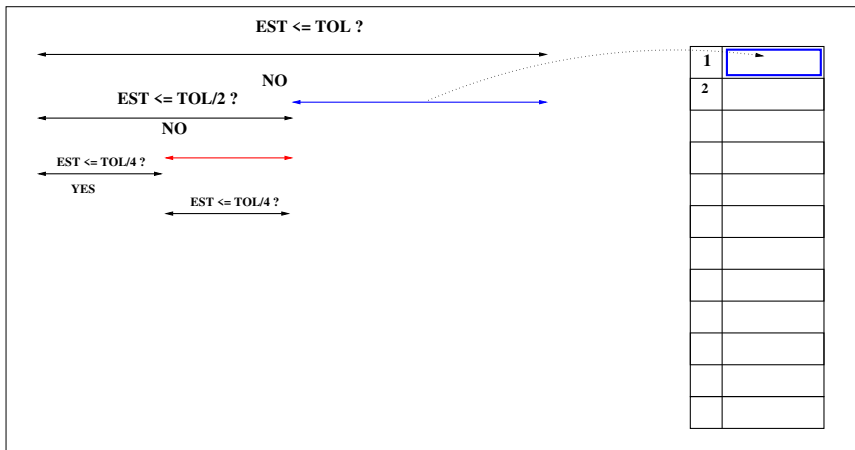
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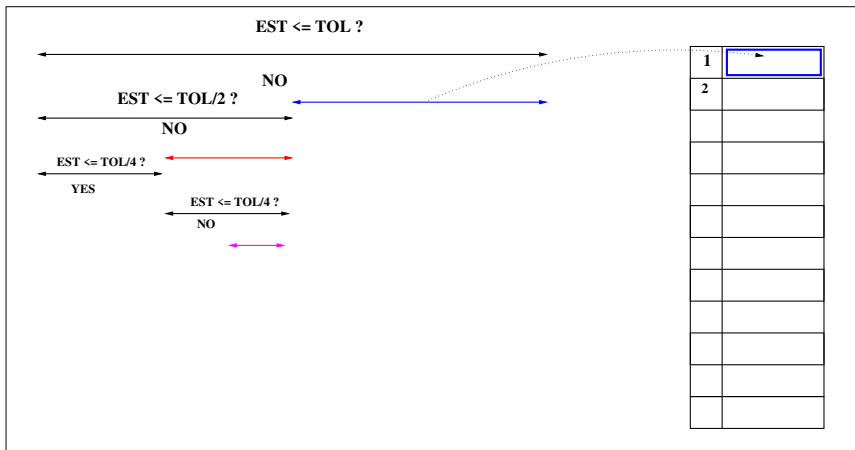






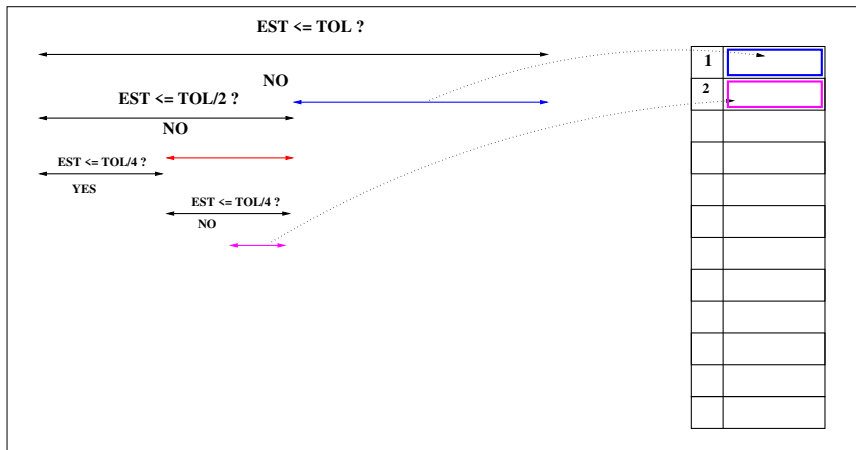
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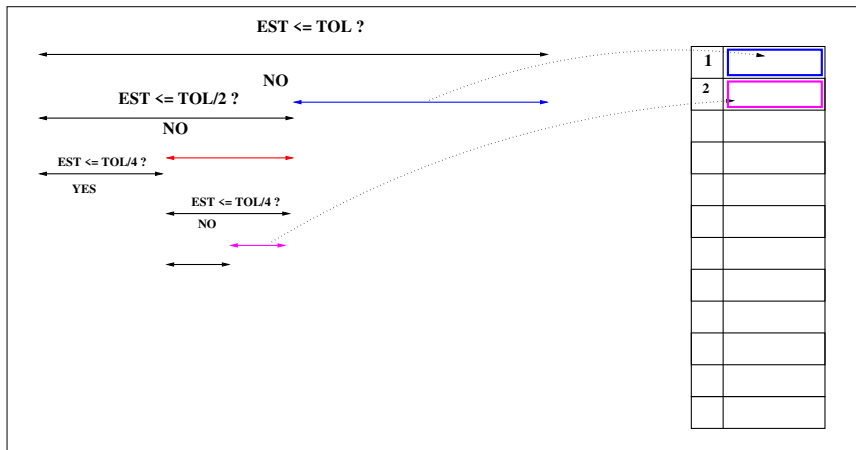
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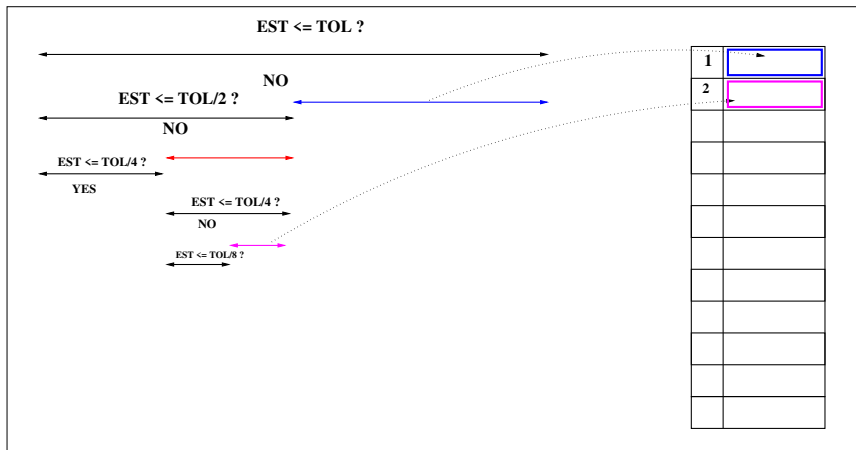
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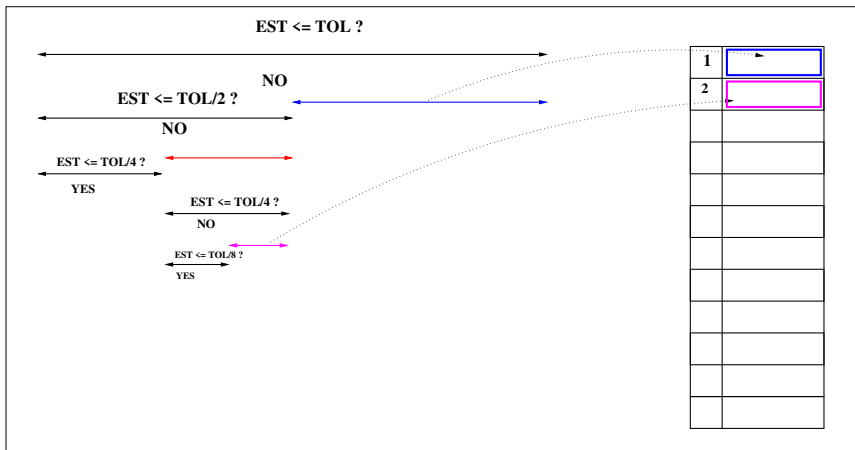
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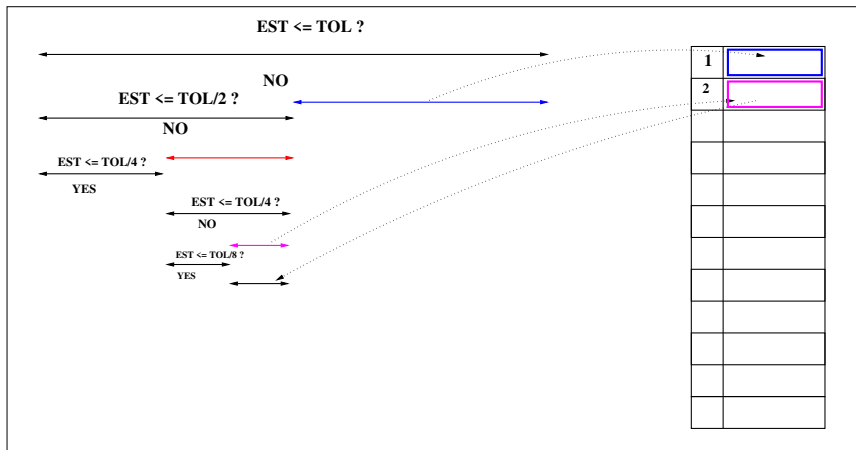
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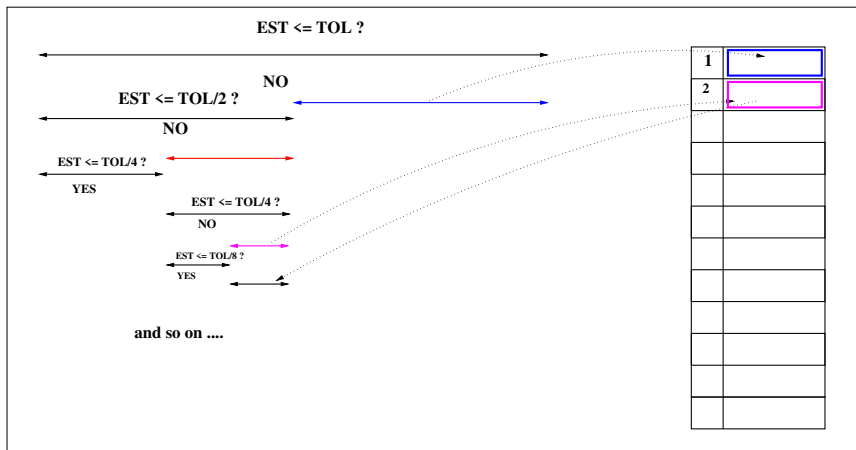
# Local adaptation – QUANC8 code

$$\text{criterion } EST|_K \leq TOL \frac{|K|}{|b-a|} = TOL \cdot 2^{-\ell}$$



# Local adaptation – QUANC8 code

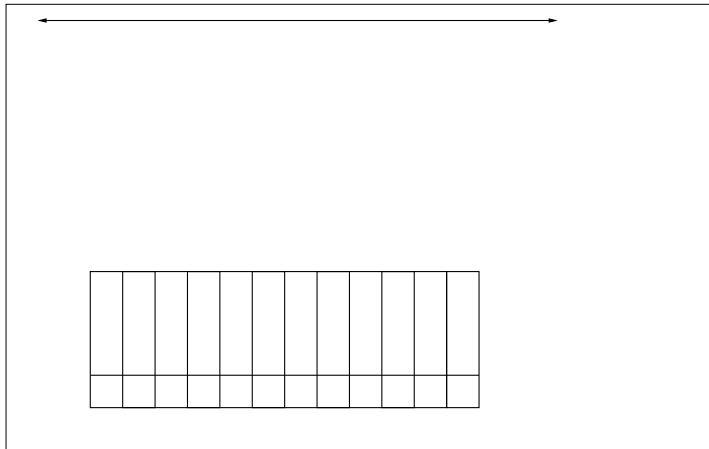
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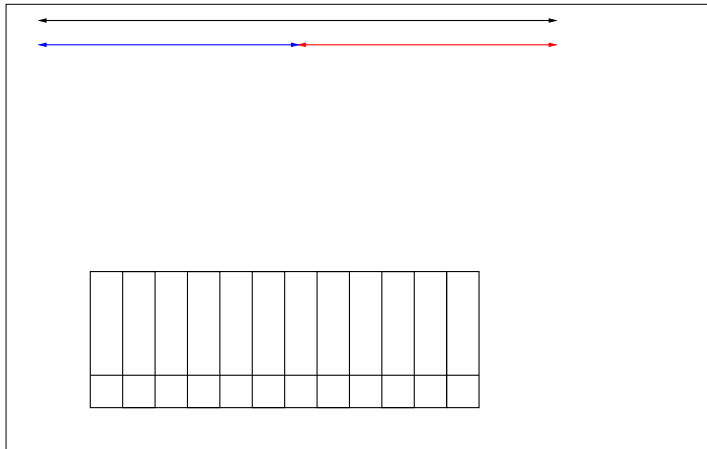
# Global adaptation – Q1DA code

criterion  $\sum_K EST|_K \leq TOL$



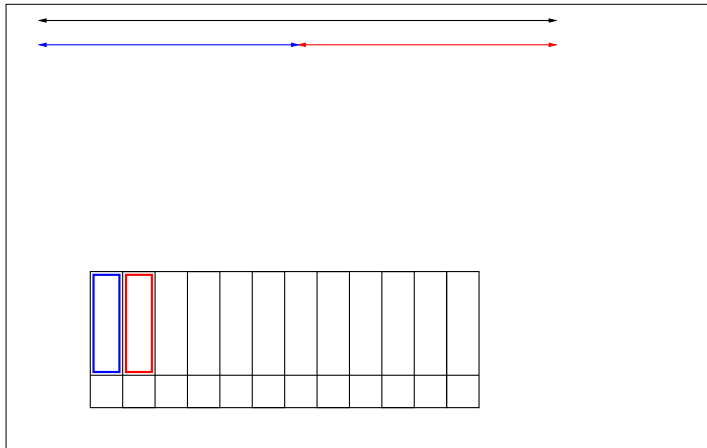
# Global adaptation – Q1DA code

criterion  $\sum_K EST|_K \leq TOL$



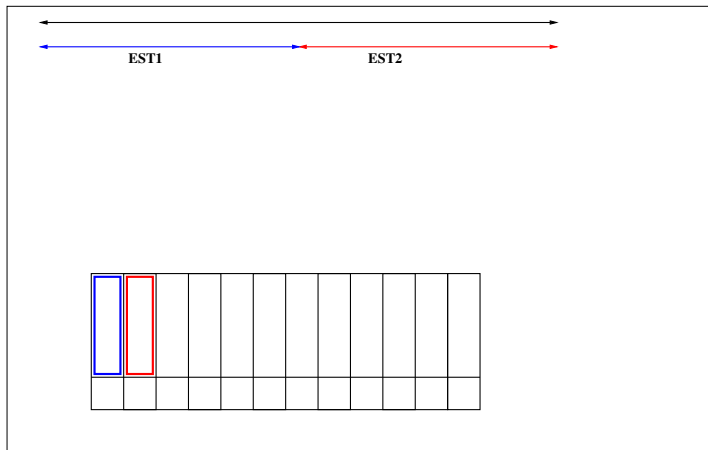
# Global adaptation – Q1DA code

criterion  $\sum_K EST|_K \leq TOL$



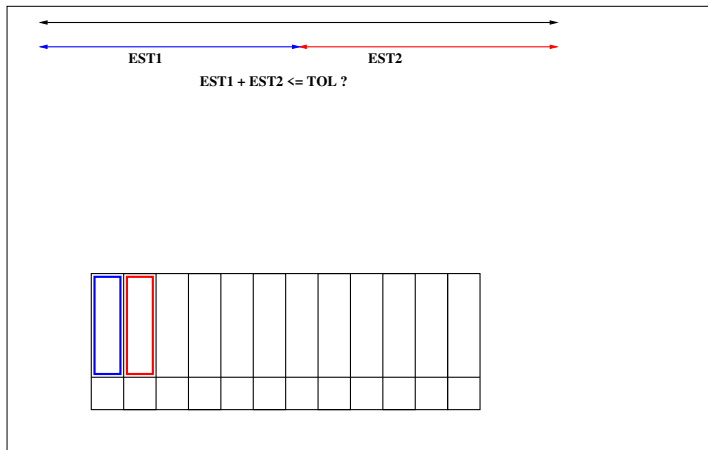
# Global adaptation – Q1DA code

criterion  $\sum_K EST|_K \leq TOL$



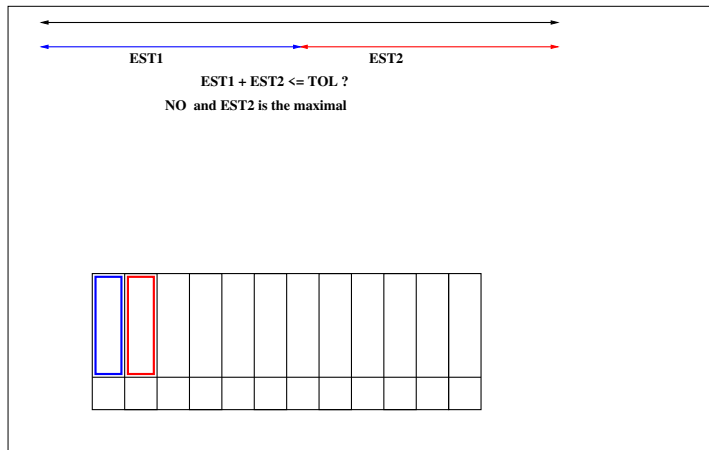
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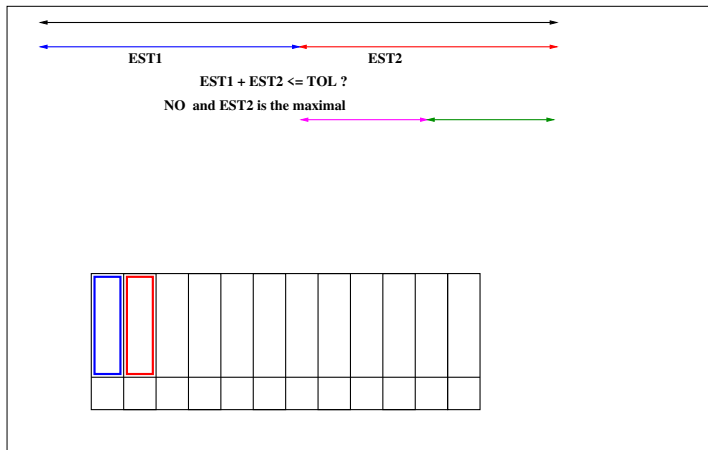
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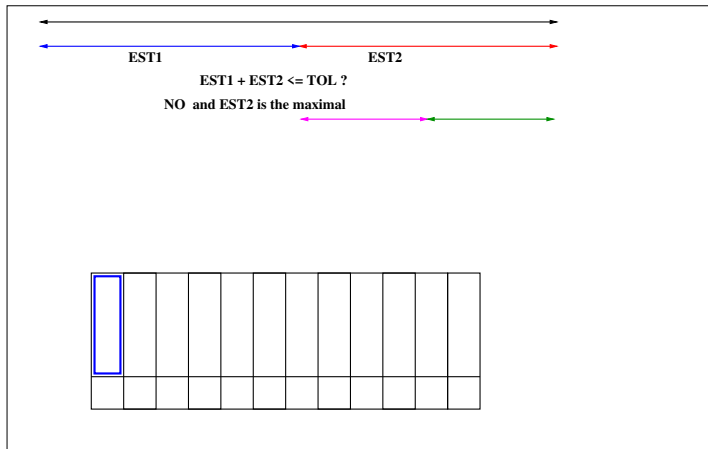
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# Global adaptation – Q1DA code

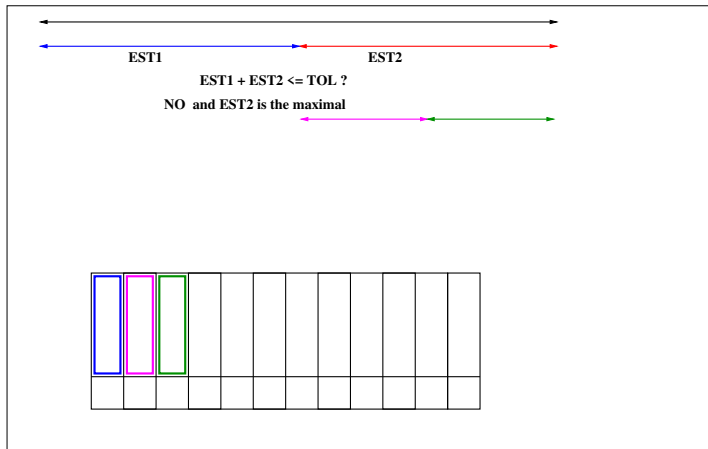
$$\text{criterion } \sum_K EST|_K \leq TOL$$





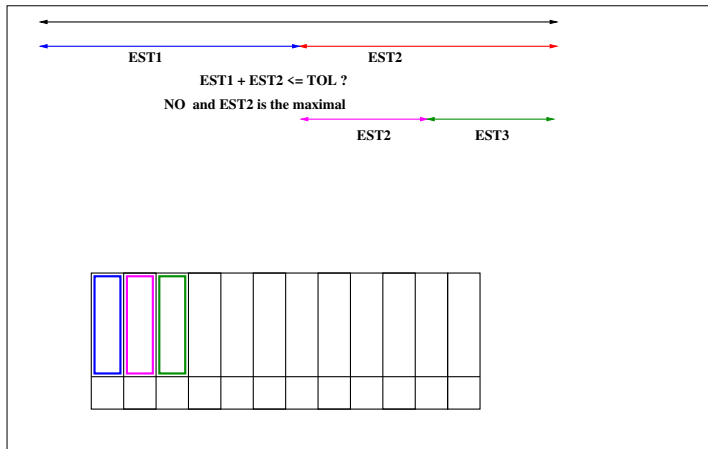
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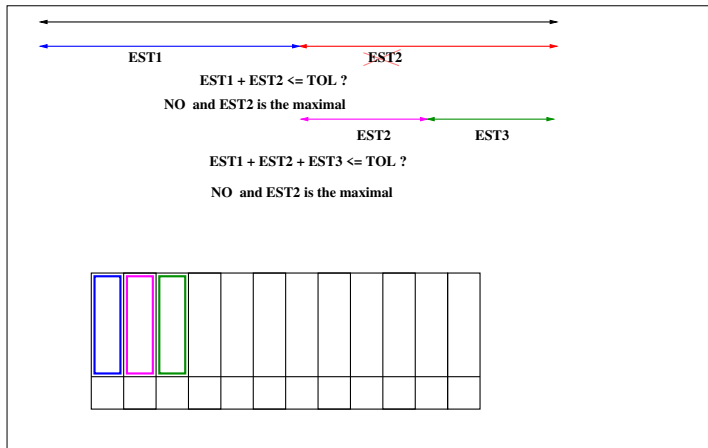






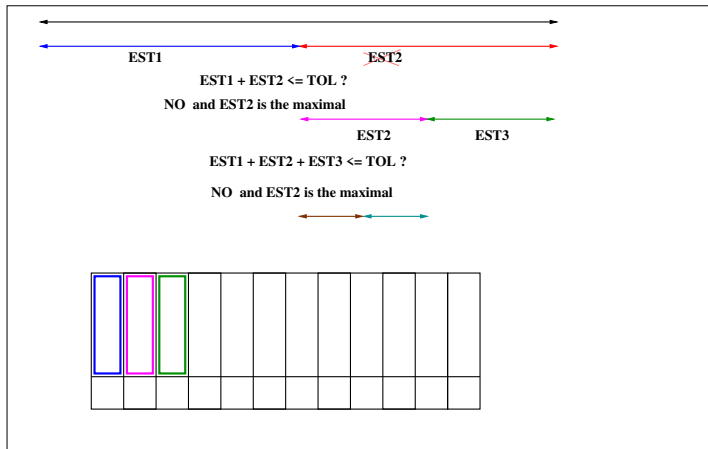
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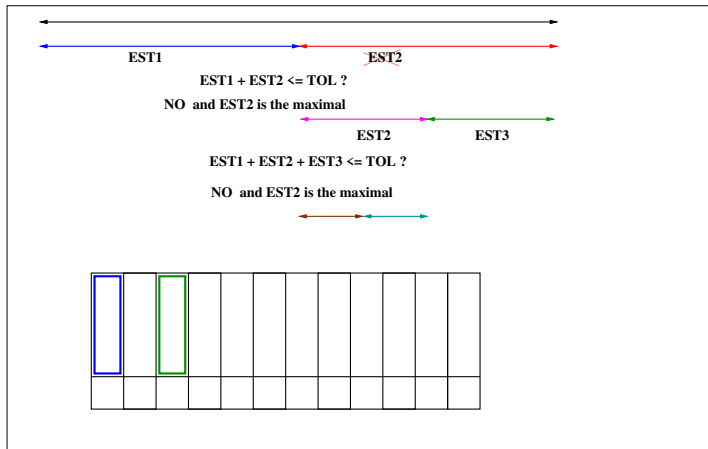
# Global adaptation – Q1DA code

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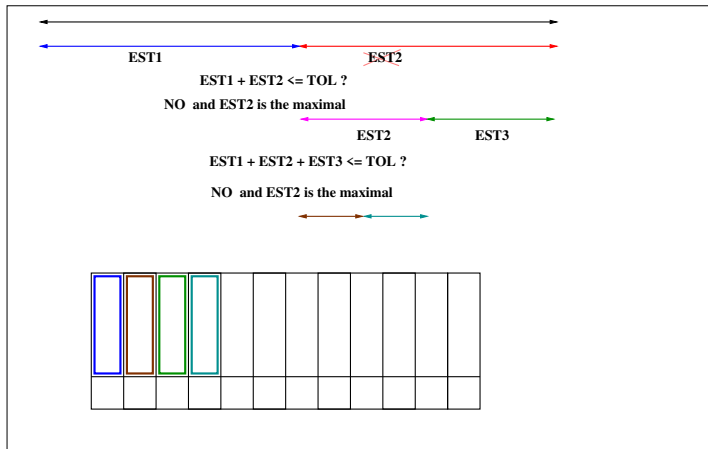
# Global adaptation – Q1DA code

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# Global adaptation – Q1DA code

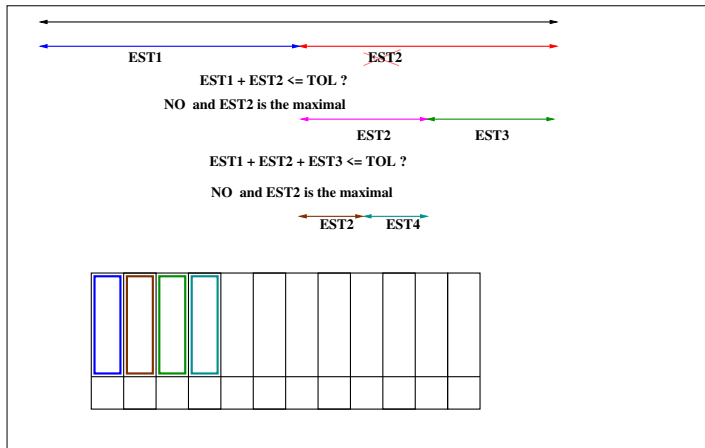
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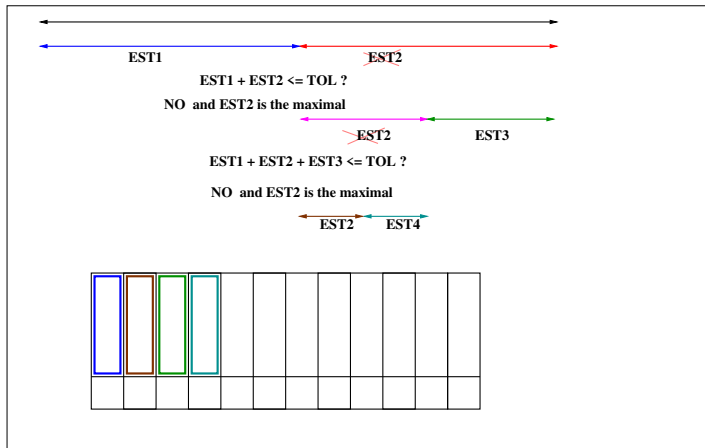
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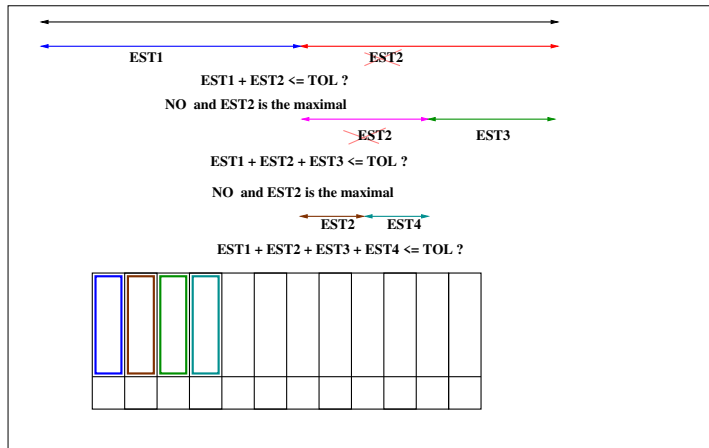
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