

Erratum to: Enhancing Efficiency of the Test Case Prioritization Technique by Improving the Rate of Fault Detection

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The original version of this article unfortunately contained a mistake. At the end of Sect. 4, the algorithm after the sen-

tence “The proposed TCP technique is presented in the form of an algorithm as follows:” was missing. The algorithm is given below.

Algorithm: Total_TCP
Input: Test suite T, the effective test case ranking (ETCR) is computed using the equation (6) for the individual test case.
Output: Prioritized order of test cases sorted in accordance with the decreasing ETCR values.
Begin
1. Set T' empty
2. For individual test case T _k belongs to T, do
3. Compute effective test case ranking by calculating $ETCR_k = RFT_k + NFD_k + TARD_k + TCE_k$
4. End for
5. Sort T in accordance with the decreasing order of ETCR values
6. Let T' be T
End

The original article has been corrected.

The online version of the original article can be found under <https://doi.org/10.1007/s13369-017-2466-6>.

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