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Step 1: Start. Step 2: In
itialize sum and count

to z ero. Step 3: Exa mine top car d. Step 4: If it says "e nd of data" proceed to step 9; otherwise, proce ed to next step. Step 5: Add v alue from top card to sum. Step 6: In crease count b y 1. Step 7: Discard top card.

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integrals can be consulted to find that 2 dx x 1 tanh 2 a a Therefore, the integration yields 1 v c tanh ...

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The "divide and average" method, an old-time method for approximating the square root of any positive number a, can positive number a, can

be formulated as. Write a well-structured function to implement this algorithm based on the algorithm outlined in Fig. 4.2. Figure 4.2: An M-file to solve an iterative calculation. This example is set up to evaluate the Maclaurin series expansion for ex as described in Example 4.1.

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Matlab For Engineers And ...

This book introduces applied numerical methods for engineering and science students in sophomore to senior levels; it targets the students of today who do not like or do not have time to derive and prove mathematical results. It can also serve as a

reference to MATLAB applications for professional engineers

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