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Course and Section: ENGR297 and class # 22749
Problem: Matlab Classwork 9
Statement: For-while loops

Check for series convergence y or n
y
Enter "m" the number series term --> 100
Results
The value of m used = 100
The result of the series summation = 0.78787
the % error between the series value & the convergent value is 0.32%
Your % error is too high try for results within 0.1%.
Check for series convergence y or n
y
Enter "m" the number series term --> 200
Results
The value of m used = 200
The result of the series summation = 0.78664
the % error between the series value & the convergent value is 0.16%
Your % error is too high try for results within 0.1%.
Check for series convergence y or n
y
Enter "m" the number series term --> 300
Results
The value of m used = 300
The result of the series summation = 0.78623
the % error between the series value & the convergent value is 0.11%
Your % error is too high try for results within 0.1%.
Check for series convergence y or n
y
Enter "m" the number series term --> 350
Results
The value of m used = 350
The result of the series summation = 0.78611
the % error between the series value & the convergent value is 0.09%
Your Results are within 0.1%. Good estimating.
Check for series convergence y or n
n
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