

Range

[PHY313] Domain is a \_\_\_\_\_ set  
replacement

[PHY313] Domain is a \_\_\_\_\_ set  
solution

[PHY313] A pole of order  $m=1$  is called a \_\_\_\_\_ pole  
Single

[PHY313] The winding number of the curve \_\_\_\_\_ around the point  $a_k$  is written as  
 $I(\gamma, a_k)$

[PHY313] \_\_\_\_\_ is used to evaluate line integrals of analytic functions over  
closed curves  
Residue theorem

[PHY313] Cauchy residue theorem can also be used to evaluate  
Real integrals

[PHY313] A necessary and sufficient condition for absolute convergence is that  
sequence of partial sums can be  
Bounded

[PHY313] The residue of  $f$  at  $a_k$  is denoted as  
 $\text{Res}(f, a_k)$

[PHY313] The two most useful test for absolute convergence of complex series are the  
ratio and \_\_\_\_\_ tests  
comparison

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