***Solution*** ***Section* 2.2 – Limits and Continuity**

***Exercise***

Find the limits 

***Solution***





***Exercise***

Find the limit 

***Solution***





***Exercise***

Find the limit 

***Solution***







***Exercise***

Find the limit 

***Solution***







***Exercise***

Find the limit 

***Solution***





***Exercise***

Find the limit 

***Solution***







***Exercise***

Find the limit 

***Solution***











***Exercise***

Find the limit 

***Solution***











***Exercise***

Find the limit 

***Solution***











***Exercise***

Find the limit 

***Solution***





 



***Exercise***

Find the limit 

***Solution***











***Exercise***

Find the limit 

***Solution***











***Exercise***

Find the limit 

***Solution***





***Exercise***

Find the limit 

***Solution***





***Exercise***

Find the limit 

***Solution***





***Exercise***

Find the limit 

***Solution***







***Exercise***

Find the limit 

***Solution***





***Exercise***

Find the limit 

***Solution***



***Exercise***

Find the limit 

***Solution***



Along path 







Along path 





∴ Limit ***doesn’t exist***

***Exercise***

Find the limit 

***Solution***



Along path 









Along path 









∴ Limit ***doesn’t exist***

***Exercise***

Find the limit 

***Solution***











***Exercise***

Find the limit 

***Solution***



***Exercise***

Find the limit 

***Solution***







***Exercise***

Find the limit 

***Solution***







***Exercise***

At what points (*x, y, z*) in space are the functions continuous 

***Solution***

All 

***Exercise***

At what points (*x, y, z*) in space are the functions continuous 

***Solution***

. All  except the interior of the cylinder 

***Exercise***

At what points (*x, y, z*) in space are the functions continuous 

***Solution***

All  so that 

***Exercise***

At what points (*x, y, z*) in space are the functions continuous 

***Solution***

All 

***Exercise***

At what points (*x, y, z*) in space are the functions continuous 

***Solution***

All  except 

***Exercise***

At what points (*x, y, z*) in space are the functions continuous 

***Solution***

All  except 