"text": "求微分方程;$$y ^ { m } + 6 y ' ' + \\left( 9 + a ^ { 2 } \\right) y ' = 1$$1的通解,其中常数a>0.",

"pos\_list": [

[

{

"x": 44,

"y": 73

},

{

"x": 374,

"y": 73

},

{

"x": 374,

"y": 90

},

{

"x": 44,

"y": 90

}

]

],

"type": 15,

"num\_choices": 0,

"table\_list": []

}

"text": "(1)设常数k>0,则级数$$\\sum \_ { n = 1 } ^ { \\infty } { \\left( - 1 \\right) ^ { n } } \\frac { k + n } { n ^ { 2 } }$$( ).(A)发散 (B)绝对收敛(C)条件收敛 (D)收敛或发散与k的取值有关",

"pos\_list": [

[

{

"x": 30,

"y": 232

},

{

"x": 433,

"y": 232

},

{

"x": 433,

"y": 297

},

{

"x": 30,

"y": 297

}

]

],

"type": 0,

"num\_choices": 0,

"table\_list": []

}

"text": "(2)设$$I = t \\int \_ { 0 } ^ { \\frac { 1 } { \\frac { 1 } { 2 } } } { f \\left( f x \\right) d x } ,$$,其中f(x)为连续数,$$s \_ { 2 } > 0 , t > 0 ,$$,则I的值( ).(A)依赖于s,t (B)依赖于,t,x(C)依赖于t,x,不依赖于s (D)依赖于s,不依赖于:",

"pos\_list": [

[

{

"x": 31,

"y": 300

},

{

"x": 426,

"y": 300

},

{

"x": 426,

"y": 366

},

{

"x": 31,

"y": 366

}

]

],

"type": 0,

"num\_choices": 0,

"table\_list": []

}

"text": "(3)设$$\\lim \_ { x \\to { a } } \\frac { f \\left( x \\right) - f \\left( a \\right) } { \\left( x - a \\right) ^ { 2 } } = - 1 ,$$则在点x=a处( ).(A)f(x)可导且f'(a)≠0 (B)f(x)取得极大值(C)f(x)取得极小值 (D)f(x)的导数不存在",

"pos\_list": [

[

{

"x": 31,

"y": 367

},

{

"x": 388,

"y": 367

},

{

"x": 388,

"y": 433

},

{

"x": 31,

"y": 433

}

]

],

"type": 0,

"num\_choices": 0,

"table\_list": []

}

"text": "(4)设A为阶矩阵,且|A|=a≠0,A\"是A的伴随矩阵,则|A⋅|=( ).(A)a $$\\left( B \\right) \\frac { 1 } { a }$$ $$\\left( C \\right) a ^ { n - 1 }$$ $$\\left( D \\right) a ^ { n }$$",

"pos\_list": [

[

{

"x": 31,

"y": 436

},

{

"x": 422,

"y": 436

},

{

"x": 422,

"y": 482

},

{

"x": 31,

"y": 482

}

]

],

"type": 0,

"num\_choices": 0,

"table\_list": []

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