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^ { 2 x } , y \_ { 2 } = e ^ { x } - x e ^ { 2 x } , y \_ { 3 } = - x e ^ { 2 x }$$是某二阶常系数非齐次线性微分方程的3个解,则该方程满足条件$$y | \_ { x = 0 } = 0 , y \' | | \_ { x = 0 } = 1$$的解为y =.\_\_\_\_","figure\_list":[],"table\_list":[],"answer\_list":[[{"x":997,"y":634},{"x":1118,"y":634},{"x":1118,"y":672},{"x":997,"y":672}]],"pos\_list":[[{"x":55,"y":572},{"x":1595,"y":572},{"x":1595,"y":682},{"x":55,"y":682}]],"element\_list":[{"type":0,"text":"(13)已知$$y \_ { 1 } = e ^ { 3 x } - x e ^ { 2 x } , y \_ { 2 } = e ^ { x } - x e ^ { 2 x } , y \_ { 3 } = - x e ^ { 2 x }$$是某二阶常系数非齐次线性微分方程的3个解,则该方程满足条件$$y | \_ { x = 0 } = 0 , y \' | | \_ { x = 0 } = 1$$的解为y =.\_\_\_\_","pos\_list":[[{"x":64,"y":577},{"x":1592,"y":569},{"x":1593,"y":677},{"x":64,"y":684}]],"content\_list":[{"type":1,"prob":99,"string":"(13)已知","option":"","pos":[{"x":64,"y":585},{"x":216,"y":584},{"x":216,"y":618},{"x":64,"y":618}]},{"type":2,"prob":99,"string":"$$y \_ { 1 } = e ^ { 3 x } - x e ^ { 2 x } , y \_ { 2 } = e ^ { x } - x e ^ { 2 x } 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{ i j }$$的代数余子式.若$$a \_ { i } + A \_ { i j } = 0$$(i,j=1,2,3),则|A|=.\_\_\_\_","figure\_list":[],"table\_list":[],"answer\_list":[[{"x":593,"y":743},{"x":703,"y":743},{"x":703,"y":786},{"x":593,"y":786}]],"pos\_list":[[{"x":51,"y":687},{"x":1595,"y":687},{"x":1595,"y":794},{"x":51,"y":794}]],"element\_list":[{"type":0,"text":"(14)设$$A = \\\\left( a \_ { i } \\\\right)$$是3阶非零矩阵,|A|为A的行列式,$$A \_ { i j }$$为$$a \_ { i j }$$的代数余子式.若$$a \_ { i } + A \_ { i j } = 0$$(i,j=1,2,3),则|A|=.\_\_\_\_","pos\_list":[[{"x":64,"y":687},{"x":1580,"y":687},{"x":1580,"y":787},{"x":64,"y":787}]],"content\_list":[{"type":1,"prob":99,"string":"(14)设","option":"","pos":[{"x":64,"y":696},{"x":188,"y":695},{"x":188,"y":730},{"x":64,"y":730}]},{"type":2,"prob":99,"string":"$$A = \\\\left( a \_ { i } 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}$$,求a的值.","figure\_list":[],"table\_list":[],"answer\_list":[[{"x":0,"y":1302},{"x":1654,"y":1302},{"x":1654,"y":1812},{"x":0,"y":1812}]],"pos\_list":[[{"x":54,"y":1302},{"x":1592,"y":1302},{"x":1592,"y":1468},{"x":54,"y":1468}]],"element\_list":[{"type":0,"text":"(16)(本题满分10分)","pos\_list":[[{"x":54,"y":1302},{"x":422,"y":1302},{"x":422,"y":1334},{"x":54,"y":1334}]],"content\_list":[{"type":1,"prob":99,"string":"(16)(本题满分10分)","option":"","pos":[{"x":54,"y":1302},{"x":422,"y":1302},{"x":422,"y":1334},{"x":54,"y":1334}]}]},{"type":0,"text":"设D是由曲线$$y = x ^ { \\\\frac { 1 } { 3 } } ,$$直线x=a(a>0)及x轴所围成的平面图形,$$V \_ { x } , V \_ { y }$$分别是D绕x轴,y轴旋转一周所得旋转体的体积.若$$V \_ { y } = 1 0 V \_ { x }$$,求a的值.","pos\_list":[[{"x":141,"y":1356},{"x":1591,"y":1356},{"x":1591,"y":1468},{"x":141,"y":1468}]],"content\_list":[{"type":1,"prob":99,"string":"设D是由曲线","option":"","pos":[{"x":145,"y":1368},{"x":375,"y":1368},{"x":375,"y":1404},{"x":145,"y":1404}]},{"type":2,"prob":99,"string":"$$y = x ^ { \\\\frac 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