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\_ { 1 } , \\\\beta \_ { 2 }$$是非齐次线性方程组AX=b的两个不同解,$$\\\\alpha \_ { 1 } , \\\\alpha \_ { 2 }$$是对应的齐次线性方程组AX=0的基础解系,$$k \_ { 1 } , k \_ { 2 }$$为任意常数,则方程组AX=b的通解为( ).(B)k(A$$\\\\left. { \\\\right) } k \_ { 1 } a \_ { 1 } + k \_ { 2 } \\\\left( a \_ { 1 } + a \_ { 2 } \\\\right) + \\\\frac { \\\\beta \_ { 1 } - \\\\beta \_ { 2 } } { 2 }$$$$a \_ { 1 } + k \_ { 2 } \\\\left( a \_ { 1 } - a \_ { 2 } \\\\right) + \\\\frac { \\\\beta \_ { 1 } + \\\\beta \_ { 2 } } { 2 }$$$$\\\\left( C \\\\right) k \_ { 1 } a \_ { 1 } + k \_ { 2 } \\\\left( \\\\beta \_ { 1 } + \\\\beta \_ { 2 } \\\\right) + \\\\frac { \\\\beta \_ { 1 } - \\\\beta \_ { 2 } } { 2 }$$$$\\\\left( D \\\\right) k \_ { 1 } a \_ { 1 } + k \_ { 2 } \\\\left( \\\\beta \_ { 1 } - \\\\beta \_ { 2 } \\\\right) + \\\\frac { \\\\beta \_ { 1 } + \\\\beta \_ { 2 } } { 2 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