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= \\\\left( a \_ { 1 } , a \_ { 2 } , a \_ { 3 } \\\\right)$$个不同的特征值,且$$\\\\alpha \_ { 3 } = \\\\alpha \_ { 1 } + 2 \\\\alpha \_ { 2 } .$$r(A)=2;$$\\\\beta = \\\\alpha \_ { 1 } + \\\\alpha \_ { 2 } + \\\\alpha \_ { 3 } ,$$ Ax=β","pos\_list":[[{"x":142,"y":1539},{"x":1193,"y":1540},{"x":1192,"y":1697},{"x":142,"y":1695}]],"content\_list":[{"type":1,"prob":99,"string":"设3阶矩阵","option":"","pos":[{"x":142,"y":1545},{"x":332,"y":1545},{"x":332,"y":1576},{"x":142,"y":1576}]},{"type":2,"prob":97,"string":"$$A = \\\\left( a \_ { 1 } , a \_ { 2 } , a \_ { 3 } \\\\right)$$","option":"","pos":[{"x":332,"y":1541},{"x":584,"y":1542},{"x":584,"y":1582},{"x":332,"y":1582}]},{"type":1,"prob":99,"string":"个不同的特征值,且","option":"","pos":[{"x":651,"y":1544},{"x":981,"y":1544},{"x":981,"y":1576},{"x":651,"y":1576}]},{"type":2,"prob":96,"string":"$$\\\\alpha \_ { 3 } = \\\\alpha \_ { 1 } + 2 \\\\alpha \_ { 2 } 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