



## Vectors and Coordinate Geometry (Paperback)

By Vladimir Serdarushich

Createspace Independent Publishing Platform, United States, 2016. Paperback. Book Condition: New. 254 x 203 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.vectors in plane and space, length of vector, magnitude of vector, collinear vectors, opposite vectors, coplanar vectors, addition of vectors, triangle rule and parallelogram rule, zero or null vector, subtraction of vectors, scalar multiplication, multiplication of vector by scalar, unit vector, linear combination of vectors, linear dependence of vectors, vectors and coordinate system , Cartesian vectors, vectors in coordinate plane, vectors two dimensional system of coordinates, radius vector, position vector, vector components, vectors in two-dimensional system examples, vectors in three-dimensional space in terms of Cartesian coordinates, angles of vectors in relation to coordinate axes, directional cosines, scalar components of vector, unit vector of vector, vectors in three-dimensional coordinate system examples, scalar product, dot product, inner product, perpendicularity of vectors, different position of two vectors, values of scalar product, square of magnitude of vector, scalar product of unit vector, scalar or dot product properties, scalar product in coordinate system, angle between vectors in coordinate plane, projection of vector in direction of another vector, scalar and vector components, vector product or cross product, vector product, right-handed system,...



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