

Answer to the Question #86950 – Math – Algebra

Question

Write the converse of the statement:

‘If p and q are the only roots of a polynomial f over \mathbb{C} , then $\deg f = 2$.’

Solution

The converse of the statement “if p and q are the only roots of a polynomial over \mathbb{C} , then $\deg f = 2$ ” is the following statement:

“If $\deg f = 2$, then p and q are the only roots of a polynomial over \mathbb{C} .”