A Book of Abstract Algebra | (2nd Edition)
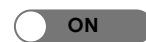
Chapter 31, Problem 2EI

Show all steps: ON

Problem

Let $h: F_1 \to F_2$ be an isomorphism. If $a(x) \in F_1[x]$, let K_1 be the root field of $a(x)$ over F_1, and K_2 the root field of $ha(x)$ over F_2.

$F_1(u) = K_1$ iff $F_2(\upsilon) = K_2$.

Step-by-step solution

There is no solution to this problem yet.

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