Hungerford Algebra Solutions

Hungerford Algebra Solutions - Anyone who has endured a 600 level Algebra course using Hungerford's Algebra is no doubt familiar with ability of one Hungerford problem to remain unsolved for most of the term only to one day surprise you with an elegant and obvious solution. While such episodes have their glorious endings, the processThere are 825 exercises in Hungerford's Algebra; so there are mistaken solutions, and even the rare misprint and incorrect statements of the problem. If you find a mistake in the solutions or know of a better, appropriate, solution, please contact us with the relevant sources.A solutions manual for Algebra by Thomas W. Hungerford. GitHub repository here, HTML versions here, and PDF version here.. Contents Introduction: Prerequisites and Preliminaries. The Axiom of Choice, Order and Zorn's Lemma1) The set of all nilpotent elements in a commutative ring forms an ideal. Proof-Let R be a commutative ring and let .Since 0 is in N we know that N is nonempty. From exercise 3.1.12 we know that the sum of two nilpotent elements is nilpotent.