

## INV\_IMAGE\_com<sup>9,38</sup>

Inverse Image (Rank) Induction lemmas and tactics

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inv\_image\_ind\_a: The basic lemma. Read this to understand proof method

inv\_image\_ind\_tp: A template proof for the InvImageInd tactic

inv\_image\_ind\_tac: Definition of the InvImageInd tactic

rank\_ind\_tac: Definition of RankInd tactic.

Often more convenient than InvImageInd

inv\_image\_ind: Test of InvImageInd tactic