

```

theory Hnr_Diff_Arr
  imports Hnr_Diff_Arr_Safe
begin

named_theorems hnr_rule_diff_arr

definition master_assn' where
  "master_assn' S = ( $\exists_A t$ . master_assn t *  $\uparrow(\forall (xs, xsi) \in S. t \vdash xs \sim xsi)$ )"

method hnr_diff_arr_match_atom = rule ent_refl

method diff_arr_kdm = rule ent_refl

method hnr_diff_arr =
  hnr hnr_diff_arr_match_atom diff_arr_kdm
  rule_set: hnr_rule_diff_arr
  normalization_rules: insert_commute insert_absorb2

end

```