```
# author.
samebib(BC1,BC2):- author(BC1,A1),sameauthor(A1,A2),authorinverse(A2,BC2)
samebib(BC1,BC2) :- title(BC1,A1),sametitle(A1,A2),titleinverse(A2,BC2)
                                                                                            \# title.
samebib(BC1,BC2) :- venue(BC1,A1),samevenue(A1,A2),venueinverse(A2,BC2)
                                                                                            # venue.
samebib(BC1,BC2):- samebib(BC1,BC3),samebib(BC3,BC2)
                                                                                            # tcbib.
same author(A1,A2):-has word author(A1,W), has word author inverse(W,A2), key author word(W)
                                                                                            \# authorword.
same author(A1,A2) := same author(A1,A3), same author(A3,A2)
                                                                                             \# tcauthor.
sametitle(A1,A2) :- has word title(A1,W), has word title inverse(W,A2), keyt it leword(W) \\
                                                                                            \# titleword.
sametitle(A1,A2) :- sametitle(A1,A3), sametitle(A3,A2)
                                                                                            \# tctitle.
samevenue(A1,A2) :- haswordvenue(A1,W), haswordvenueinverse(W,A2), keyvenueword(W)
                                                                                            \# venueword.
samevenue(A1,A2) :- samevenue(A1,A3), samevenue(A3,A2)
                                                                                            \# tovenue.
keyauthorword(W) := true
                                                                                            # authorWord(
keytitleword(W):- true
                                                                                            # titleWord(W
keyvenueword(W):- true
                                                                                            # venueWord(V
```