arr: $[[a_{00}, a_{01}, a_{02}],[a_{10}, a_{11}, a_{12}],[a_{21}, a_{22}, a_{23}],[a_{31}, a_{32}, a_{33}]]$
brr: $[[b_{00},b_{01}], [b_{10},b_{20}], [b_{20},b_{21}]]$
brrTran:$[[b_{00},b_{10},b_{20}],[b_{01},b_{11},b_{21}]]$

rep 2   rep 2

arrRepl:$[[[a_{00},a_{01},a_{02}],[a_{00},a_{01},a_{02}]],[[[a_{10},a_{11},a_{12}],..],...........]$
brrRepl:$[[[b_{00},b_{10},b_{20}],[b_{01},b_{11},b_{21}]],[[[b_{00},b_{10},b_{20}],..],...........]$

rep 4

result :$[[a_{00}*b_{00}+a_{01}*b_{10}+...,a_{00}*b_{01}+..],[.,.],[.,.],[.,.]]$