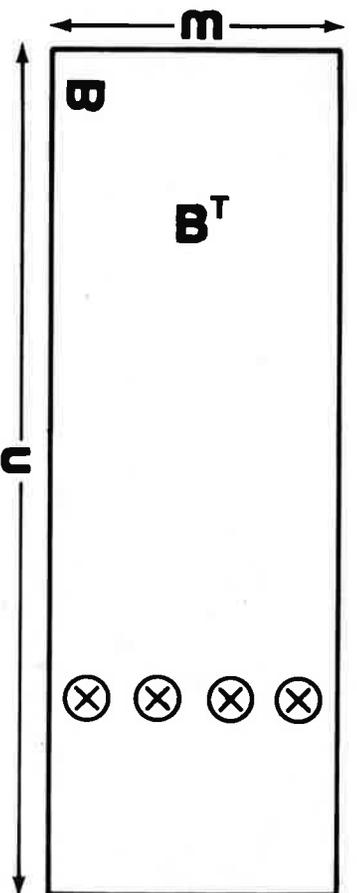


THE SAME OPERATION ON  $AB$  GIVES  $(AB)^T = B^T A^T$ .



MAIN DIAGONAL FIXED.  
 TO TRANSPOSE  $B$ , TURN THE TRANSPARENCY OVER KEEPING THE