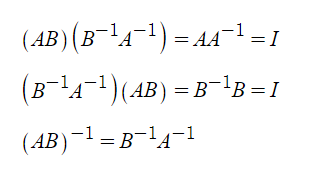
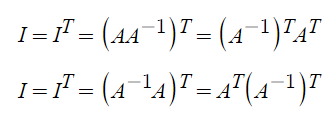
2.4

4.

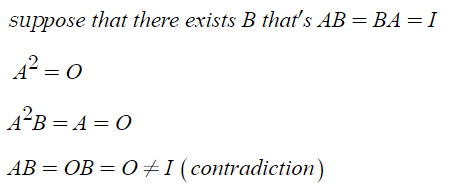


5.

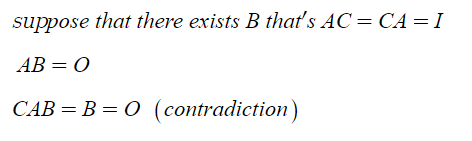


7.

(a)



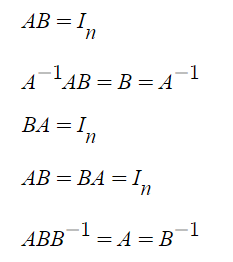
(b)



10.

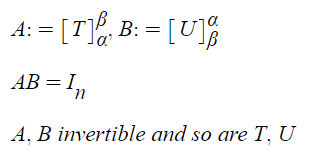
(a) since AB is invertible, A, B is invertible by exercise 9.

(b)



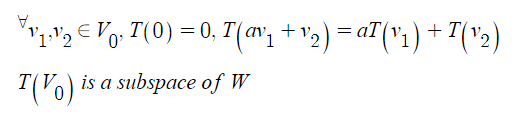
(c) let T : V->W, U : WV, where dim(V)=dim(W) and TU an identity mapping.

let α ordered bases of-> T, β ordered bases of U

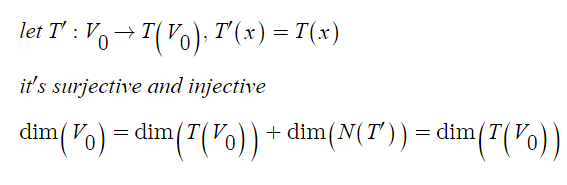


17.

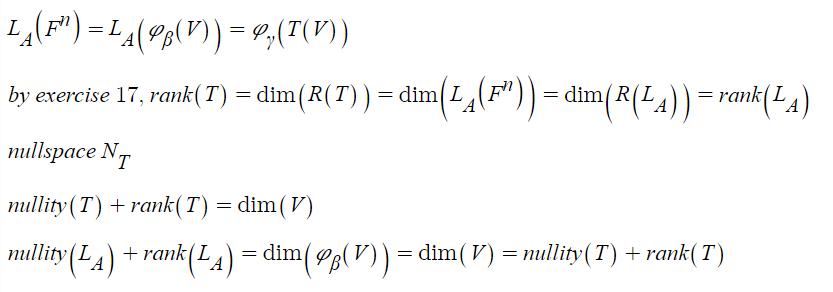
(a)



(b)

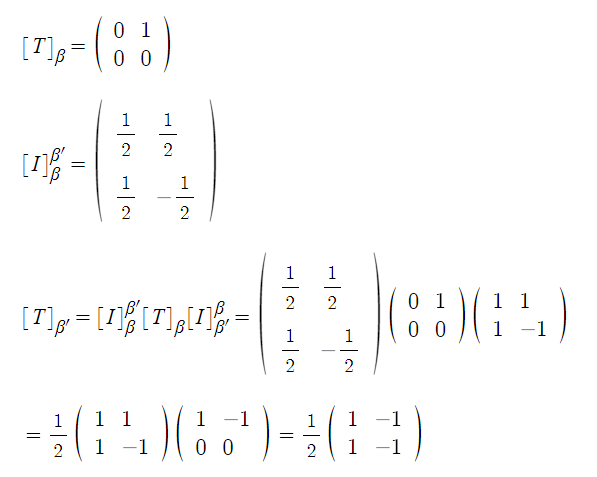


20.



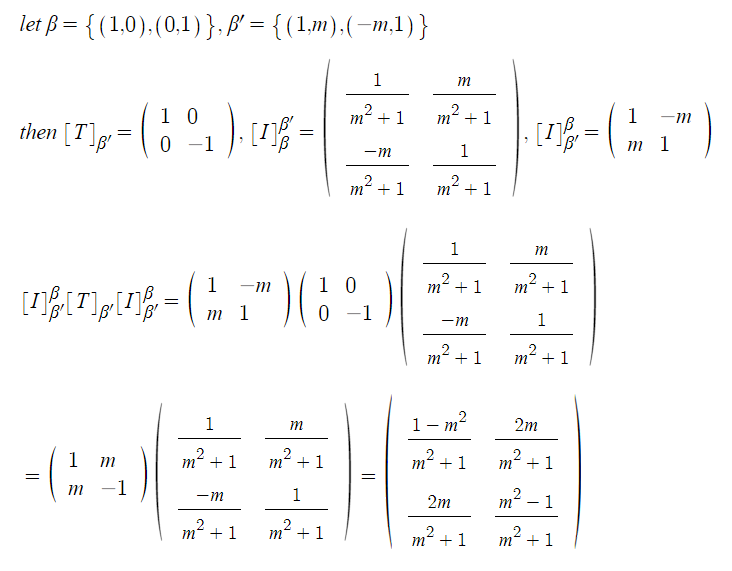
2.5

5.

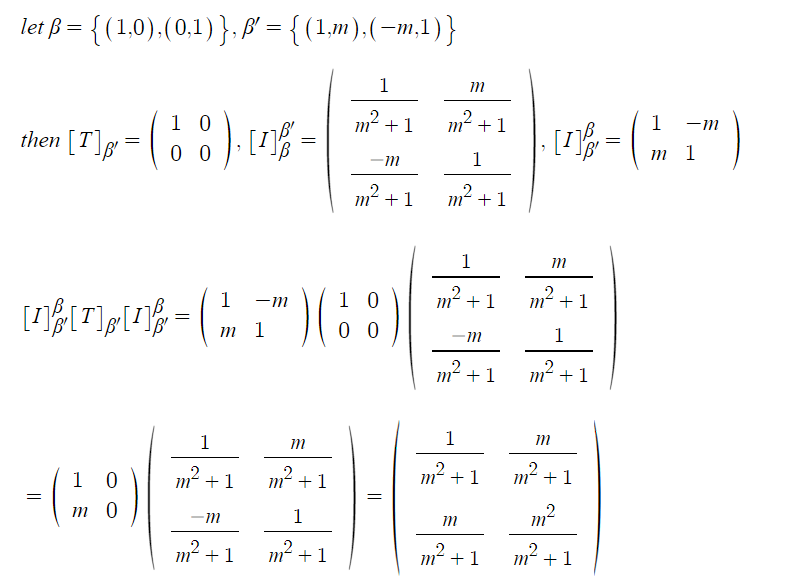


7.

(a)



(b)



10.

