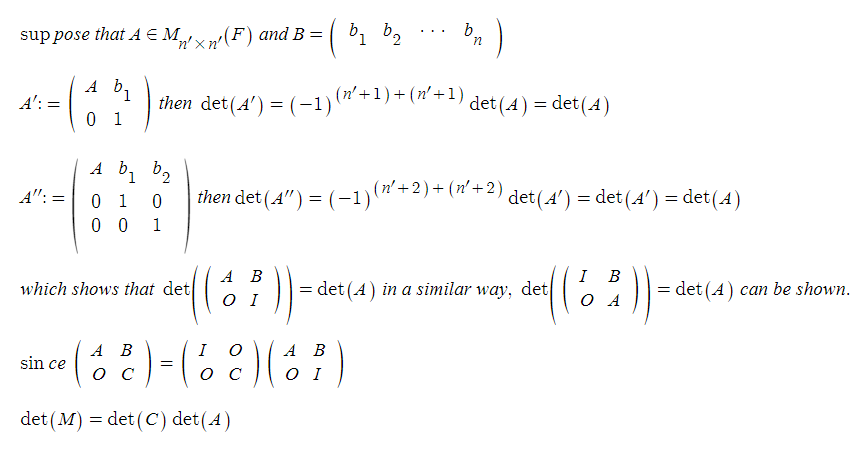
4.4

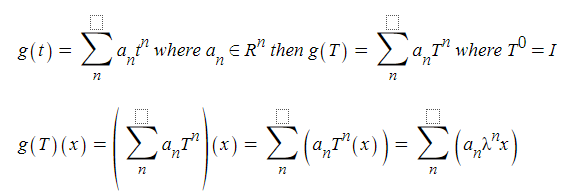
6.

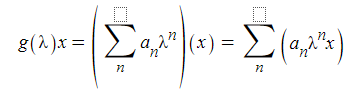


5.1

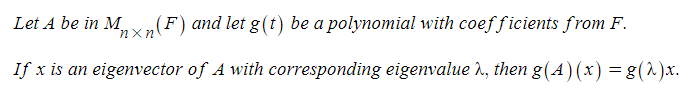
22.

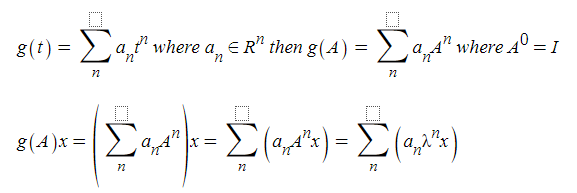
(a)



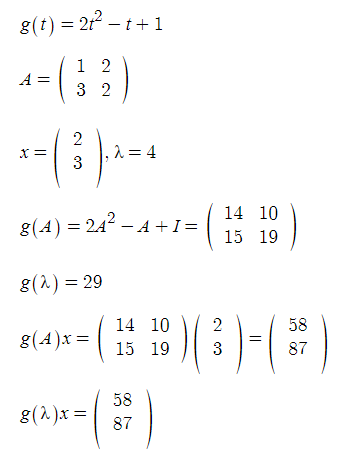


(b)





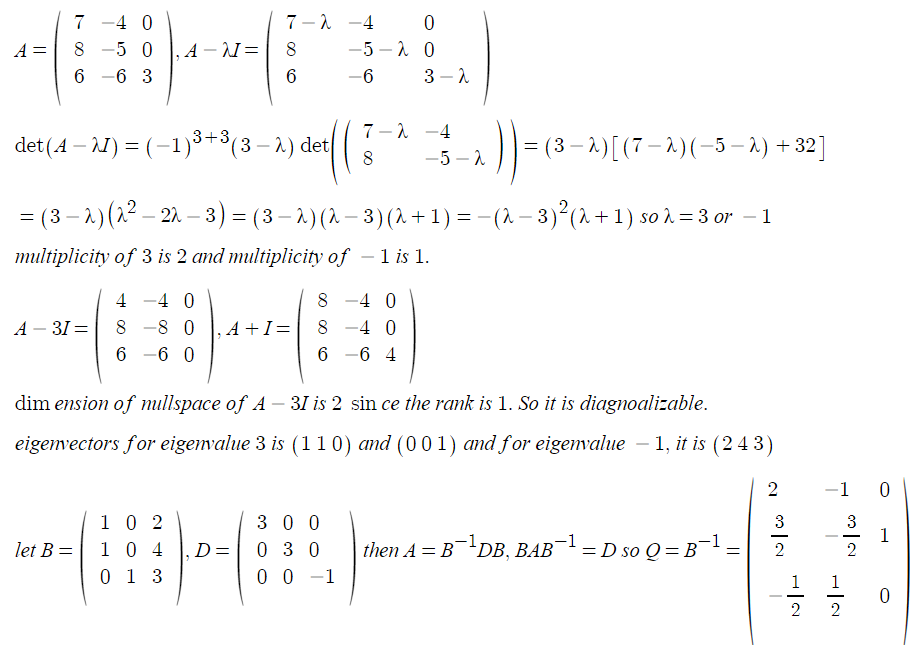
(c)



5.2

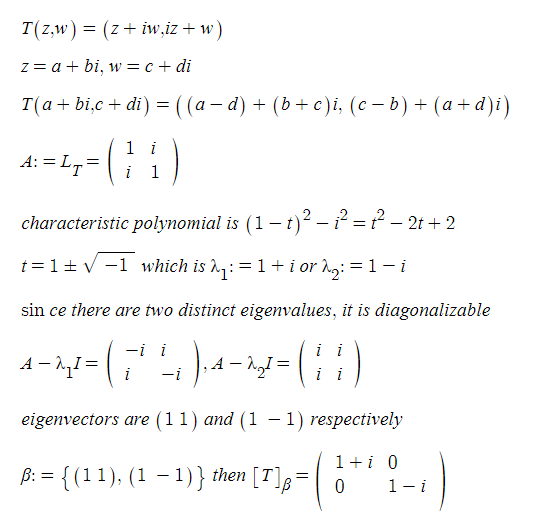
2.

d.



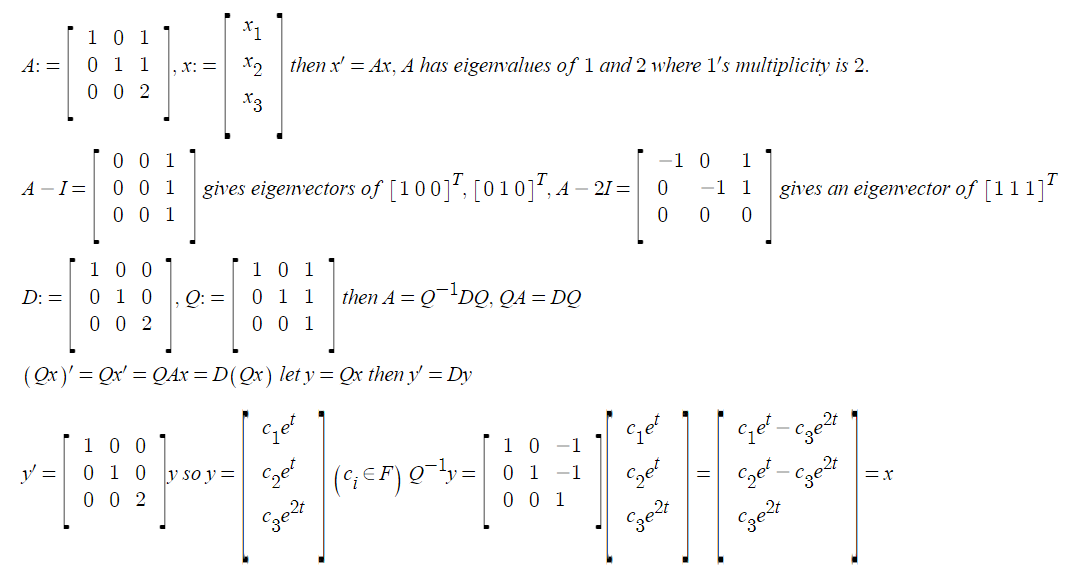
3.

e.



14.

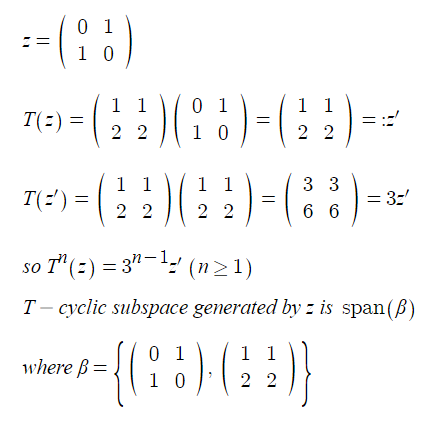
c.



5.4

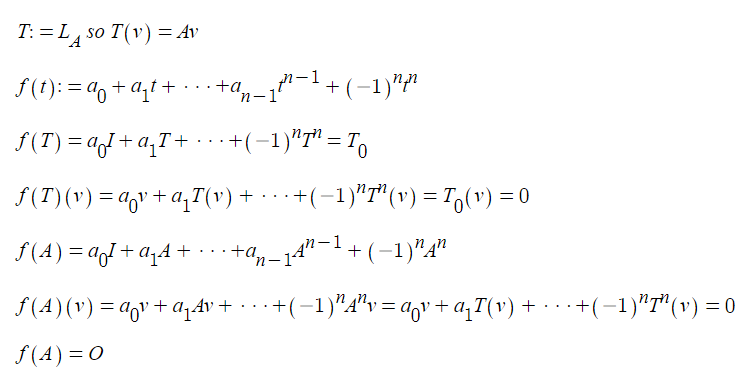
6.

d.



15.

since f(A) is obtained by replacing t with A in the resulting characteristic polynomial not by substituting t in det(A-tI) with A. f(B) can’t be equal to det(A-BI) if B’s dimension doesn’t match with others.



19.

