

```
TEDB: T(1)=1+0=4.1+Bx -8x2+813
                                                                                                                                           ×:1
                                                                                                                          B=8=5=0
                                       T[1-x]: T(1+x) = 1-x+1-2+x = x.1+Bx+6x2+6x3
                                                                                                                                                         8:8:0
                                                                                                                                                                                                                              (2100) 1/7
                                       L[x5-x3] : L(x5-x3) = x3+x3+3x5= x3+ xxx = x3+ xx = x3+ xxx = x3+ 
                                                                                         X3 = MX2 - 5x = 0.1 + Bx - 6x2 + 8x3
                            1 [x2-x3]: 1(x2-x3)=x2-x3+2x-3x2=-x3-2x2+2x
                                                                                                 -x3-2x2+2x=~1+Bx+xx2+ 6x3
                                                                                                                                       er = 0
                                                                                                                                        B = 2
                                                                                                                                       8=-2
                                                                                                                                        8=-1
                                                                 T[1], T[1+x], T[x^2+x^3], T[x^1-x^3)
T[1]c: T(1)=1-0=0.1+B(1-x)=6(x2+x3) + d(x2-x3)
                                                                                                                                 X+B=1 = x=1
                                                                                                                  B:0
```

 $C = \left\{ \begin{bmatrix} 11 \\ 00 \end{bmatrix} \begin{bmatrix} 03 \\ 10 \end{bmatrix} \begin{bmatrix} 10 \\ 01 \end{bmatrix} \begin{bmatrix} 01 \\ 01 \end{bmatrix} \right\}$

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$$T[(1,0,0)] = T(1,0,0) = (1,0,0,0) = T((0,0,0)) = T((0,0,0)) = (1,0,0,0) = T((0,0,0)) = T((0,0$$

·20 3 $P(x) = a + bx - cx^{2} \in R[x]_{2}$ $L^{2} T[(P(x))]_{c} : T(P(x)) = (a, a + b + c, a - b + c) = T[(P(x))]_{c}$ ~(10,0) ~β(0,1,0) ~b(0,0,1) d=a B= 9+6+c X=a-6+c [P(x)] B= 9+bx+cx2=01+Bx+8x2 = (9, a+b+c, a-b+c) R-L -e px u(2) عر دم عدد ما مع المعرب على على دم عدد وم confe a[] cu cos ([T] b) -1 = [7-1] B 33:2647 26 123) אין לעצוטן שאת המשתבה

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وداه:
                    \begin{bmatrix} 7^{-1} \end{bmatrix}_{B}^{c} \begin{bmatrix} 1 & 0 & -1/2 \\ 0 & 1/2 & 1/2 \\ -1 & 1/2 & 1/2 \end{bmatrix}
                                                                                                              Con last six compre
                    ink ren
                    \begin{bmatrix} 1 & 0 & 0 \\ 0 & 1/2 & -1/2 \\ -1 & 1/2 & 0 \end{bmatrix} \begin{bmatrix} a \\ b \\ c \end{bmatrix} = \begin{bmatrix} a \\ 1/2 & (b-c) \\ -a+1/2 & (b+c) \end{bmatrix}
B = \{1, x, x^2\}
[T]^{B}_{B}]^{-1} = [T^{-1}]^{B}_{B}
S(C)
[T]^{B}_{B}
(C3)
(C4)
(C4)
(C4)
(C5)
(C4)
(C5)
(C5)
(C5)
(C5)
(C6)
(C7)

                                                                                                                   PA GI gai
                             [T-1P(X)]B = [T-1]B [P(X)]B
   [T]_{B}^{B} = [T(1)]_{B} [T(X)]_{B} [T(X^{2})]_{B}
   [T(1)]B: T(1) = 121=2 = 2.1 + Bx + 8x2
                                                             B: 1:0 (20,0) : y(2)
   [T(X)]R: T(X)= X+X+2= 2X+2= 41+BX+8x2
                                                          Q = B = 2
                                                      (350) 11/21)
 [ T (X2)]B: T (X2)= X2+ (X22)2= X2+ X2+ YX+4
                                 = 2x2-4x24 = 4-1 + Bx - 7x2
                                                                      ~ 3 B 3 Y
                                                       8=2 (4,42)
                                                                                                                                                         (5/11:
```

[1 12 1/2 0) R1-R2 [100 1 1/2 1/2 0]
012 01/2 01/2 0 1/2 0 1/2 0 1/2 0
002 001 001 00 1 1/2 R3 100 1h -1/20 012 0 1/20 PRI- 2R3 016 0 1/2 1 001 001 00 1/2 $\begin{bmatrix} \begin{bmatrix} T \end{bmatrix}_{B}^{B} \end{bmatrix}^{1} = \begin{bmatrix} T^{-1} \end{bmatrix}_{B}^{B} = \begin{bmatrix} -1h & -1h & 0 \\ 0 & 1h & 1 \end{bmatrix}$ [7-1 9-bx+cx2] B= [7-1] B[P(x)]B (Den) of [T-1 (a+bx+(x2)) = (1/2 1) [a+bx+(x2)] 5 1/2 -1/2 0) [9] = (2(a-b)) 1 0 1/2 1) [6] = (2+c) X $T^{-1}\left(a+b\chi+(\chi^{2})=\frac{1}{2}(a-b)-(\frac{b}{2}+c)\chi+c\chi^{2}\right)$

$$B^{-1}\left(\frac{1+x}{1+x+x^{2}}\right) = B^{-1}\left(\frac{1}{1+x}\right)$$

$$C712a^{-1}\left(\frac{1}{1+x}\right)$$

$$C712a^{-1}\left(\frac{1}$$