tr(BN). Produ + pladat - produ banan a banan - a banana · bodan + bordan a - - + bondon (1) (r(N=B) = (r A= (rB trA = ant 922 - + can (1B = 511 + bx2 + --+ LM - and bar A+B = [an-1- anz-baz
an-1- anz-baz
an-1- anz-baz
an-1- anz-baz tr (A+B) - antbn, -antbzz (3 AB=BA M) (5)

ABA-1 = BAA-1

ABA-1 = B

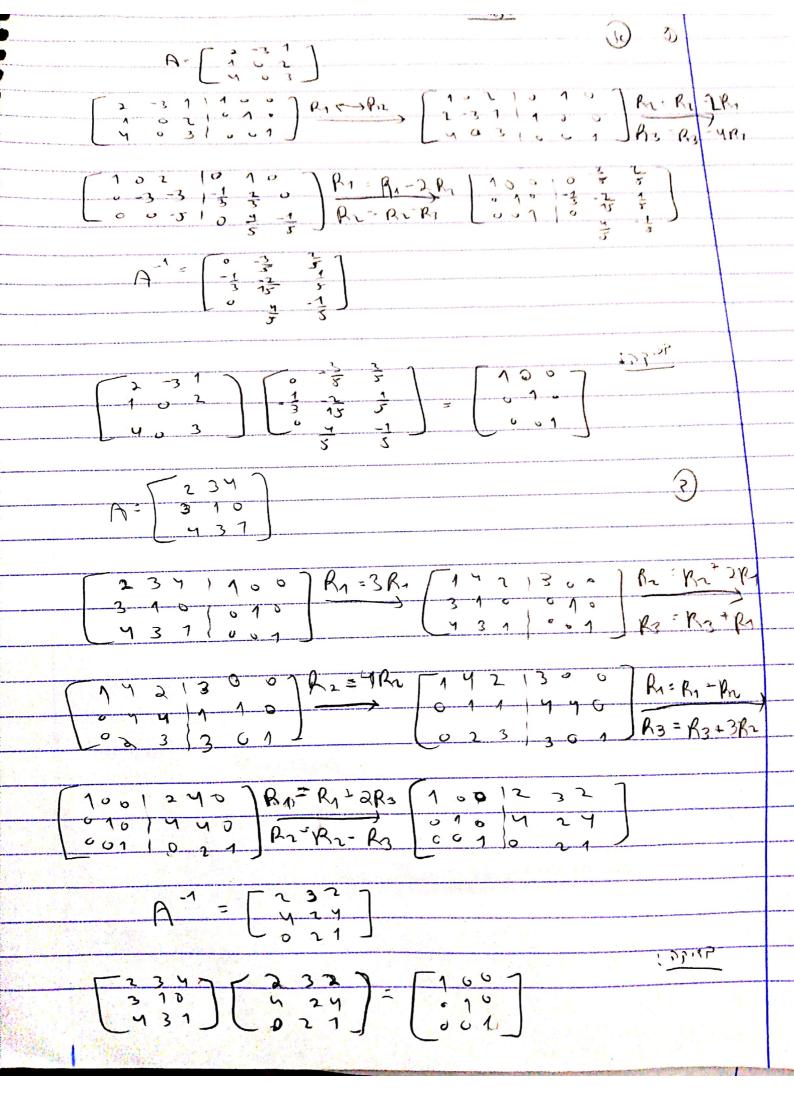
(A-1) A-1 B = BA-1

```
? tr(c 10) ion, c,DEMOH) : alice
                           tr((.0) = (1(c) + (1(0)
      AB-BA=I -c p, ABEMIN ABINCH NINTE AFFER MI) (7)
                            tr (AB-BA) = tr (T) 17 pl
                   (I) = 0
                   H(AB-BA) = H(AB) - ++ (BA) =
                         = + r(AB) - + r(AB) = 0
                     2500 MG1 U=0 M(3.5
                                                   26
    (AB); = ai, .by; +ai2.b2, -- ainbnj
    (AB) ii = ai, b1; + aizb2; + ___ + ainbai
tr (AB) = (AB) 1 - (AB) 12 + -- - (AB) 11 =
  = anby-anby +0,3b31 - - - anbn1
  + 9,1 b, 2 ans by + 9,3 b3n+ .- + 9nn+ bon
        = 1 1 aisbi
  (BA) = binan + bhan = + bin and
```

בוע מטי

ותיי = אי נט זה ישנים

```
A(t) = \begin{bmatrix} \cos t & -\sin t \\ \sin t & \cos t \end{bmatrix}
det (A(t)) = \cos^{2}(t) + \sin^{2}(t) = 1
det (A(t)) = \cos^{2}(t) + \sin^{2}(t) = 1
A(t) \cdot A(t) = \begin{bmatrix} \cos^{2}(t) + \sin^{2}(t) \\ \sin t \end{bmatrix} = A(t) - \cos^{2}(t)
\begin{bmatrix} \cos^{2}(t) + \sin^{2}(t) \\ \sin t \end{bmatrix} = \begin{bmatrix} \cos^{2}(t) + \sin^{2}(t) \\ -\sin^{2}(t) \end{bmatrix} = \begin{bmatrix} \cos^{2}(t) + \cos^{2}(t) \\ -\sin^{2}(t) \end{bmatrix} = \begin{bmatrix} \cos^{2}(t) + \sin^{2}(t) \\ -\sin^{2}(t) \end{bmatrix} = \begin{bmatrix} \cos^{2}(t) + \cos^{2}(t) \\ -\cos^{2}(t) \end{bmatrix} = \begin{bmatrix} \cos^{2}(t)
```



B= A 110 A C= BC (10 10)2 (10) MINI C- C-111 DENI DE D'AND (10) A=B = A C C = B (C) < A C = B C / C - 1 C=1 Fle C2 = C ? C.C=C <= (2=C 1)~) 710 5334 100 C-6 11,0 C-1 -5 1.5.5 (.05) 2 = I ← C C C = C C -1 $C = \begin{pmatrix} 10 \\ 20 \end{pmatrix}$ 1~464/13 16,57 $\frac{C^2}{2} = \begin{pmatrix} 1 & 0 \\ 2 & 0 \end{pmatrix} \begin{pmatrix} 1 & 0 \\ 2 & 0 \end{pmatrix} = \begin{pmatrix} 1 & 0 \\ 2 & 0 \end{pmatrix}$ (-(2),2) 22,264 1934 200) C.C= C2412 (10) Rr: Rr-2Ry (10) 490.84 Si sike ee.04 621/ 32×3/602 Jr 3162 C+ I -1 2= C -2 C 23-64 412 7412 91.26 may 50 pr (a) 21 colos 3-2 celos

