M. Quy or marpung. Nua f(x) Noture onperento f(A) B rype 19 us f(x)=ex => f(A)=ex. Nyuro f(x) = a, x+ + a, x + a0 f(A) = an A"+--+ a, A+a, E Hauseu An. J = S-1 AS A = ST S-1 1-275-1-276-1-278-1-278-1-278-1-278-1-278-1-278-1-278-1-278-1-278-1-278-1-278-1-278-1-278-1-278-1-278-1-278-1-2 7= doag [7: 1. 7:] => Jr = diag [7 1, -, 75]
Js (d) = LE + H = H+ dE (75(4)) = (H+ dE) = 2 Ck Hidk-i= = Cn Hodr + Cn H dr + 1 ... 2 (dr Cx dr Cx dr ... Cx dr. Nou Consumx General A = On ! Cr. Hogy = (qu,), Cr. Hg. - (04x-3Cr.

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DARLOW LOS HONCES SH- 7 most mesos everetion m (1) - anseyn while. m (A) 20 f(x) = Q(x) m(x) + r(x), r(x) = 0 11 degr(x) = f(x) f(A) = q(A) m(A) + v(A) = v(A) => Inpouyaeu source 34-9 - (A) Mars f(x) = q(x) - g(x) + r(x) [f(x)=q'(x) g+qg'-v'(x)] Regnonomen Le, , , & - ropen unt-un-ero, Apreven 500 C.34. Jorea ropen onpet - w: f(/5) --. Cnergp maxpunyon A. that 100390-01 MCA) so BUC. OF 3F1-J 1 mas f(x) = sin x Son A => caposi with with-etc, mador so rober hax. 3H-I we cherope, mo zu- en apalt uterepn. who en

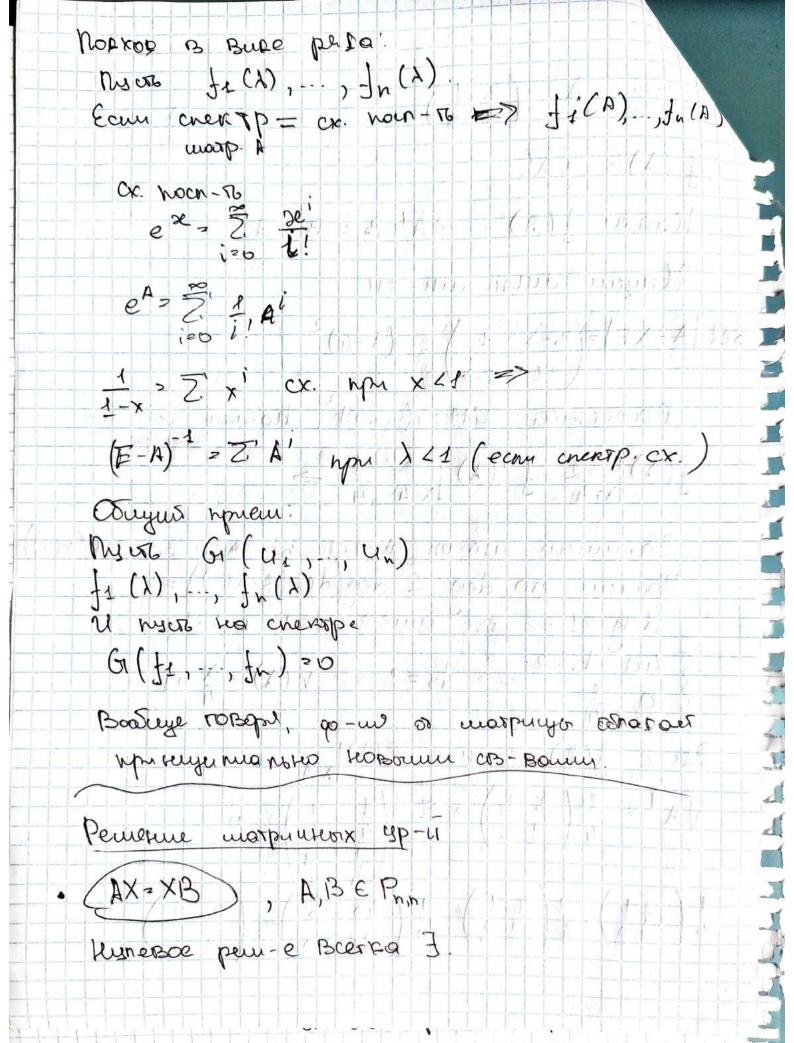
Regard
$$A = \begin{pmatrix} 3 & 1 \\ -1 & 5 \end{pmatrix}$$

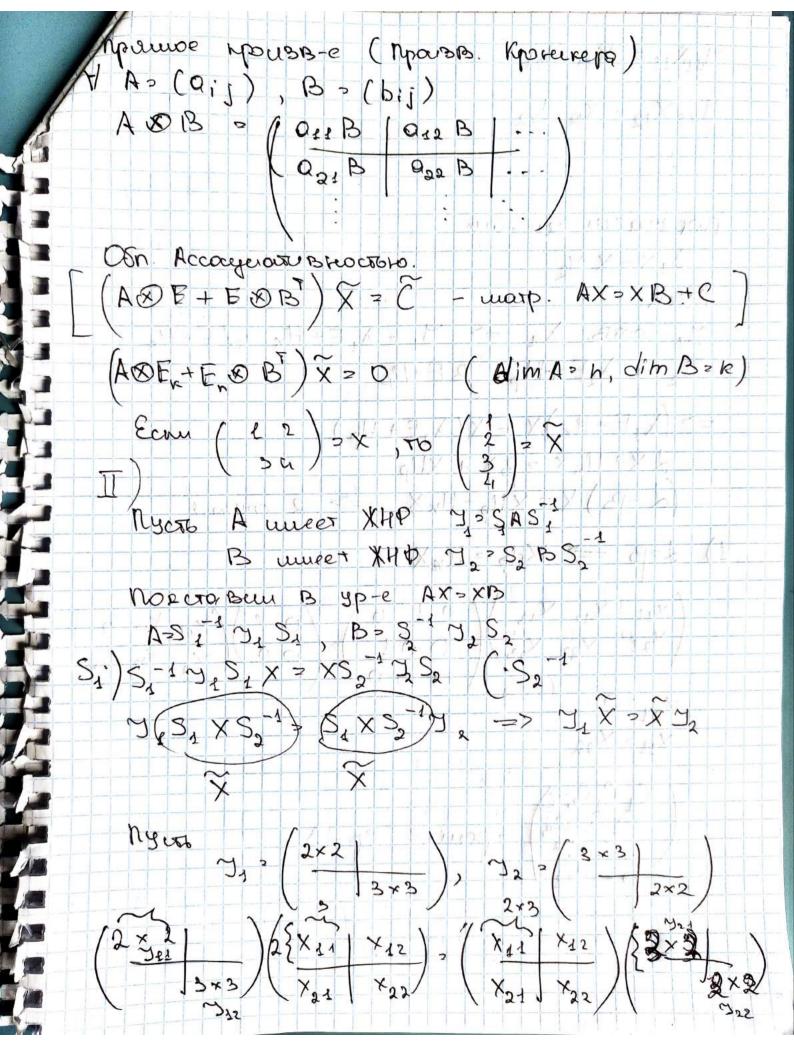
Hasru $J(A) : \sqrt{A^2 \cdot B} : B : A$

Nayon with who en:

 $det[A - \lambda E] = \begin{pmatrix} 3 - \lambda & 1 \\ -1 & 5 - \lambda \end{pmatrix} = \begin{pmatrix} \lambda - 4 \end{pmatrix}^2$

Rocreshita UM: $(\lambda - 4)^2$ Hassen $3n - 3 + 9$
 $f(\lambda) \begin{vmatrix} -2 & 1 \\ \lambda - 1 \end{vmatrix} = \begin{pmatrix} \lambda - 4 \end{pmatrix}^2 = \begin{pmatrix} \lambda - 4 \\ \lambda - 4 \end{vmatrix} = \begin{pmatrix} \lambda - 4 \\ \lambda - 4 \end{pmatrix} = \begin{pmatrix} \lambda - 4 \\$





J11/18 = X11 J21 J 11 X 12 = X12 J22 hopsala ac-un 71x= X 72 Nycos J, coorb. / 1 => J, = 1, E+ Hx = 2 E+Hx 72 = 12 E + Hp 3 BB+Hp $\Rightarrow (\lambda_1 E + \mu_{\kappa}) X = X(\lambda_2 E + \mu_{\rho})$ d X+ HxX = BX + XHp (d-13) X = XHp-HxX => 2 cryvas 1) 2=13 => XHp = HxX X31 = X 22 C₁ C₂ C₃ C₃ - peu-c 3p-3. U 7

2) 2 7 /3 (d-13) = (d-13) (XHp-HkX) = (d-13) XHp - (d-13) HkX => (X-B) (XHp-Hnx)Hp-Hn (XHp-Hnx)= = XHp -2HKXHp +HKX (2-B)3X (L-B) X =0 US-Ba CEBUTOB H => >> ecur her oranou. C. BH. >> tet peut - T · lacellont onjunit - Bosona Prodetinger: AX < XA · Sp-e AX-XB =C opateanogox C. BH => wer per - ci Earn her Orceo 4.P. Econ esto operan. => Soon. erroro peren-it Ecm J De At Ce Bt dt => - Je At Ce Bt +-2001 HU Cx., ecm E. BH. Orpuly.

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