We return to #10, except undiscretizal: (10) ([[Aij]pxp + m[Fij]pxp)([dij]mxp)+ te ([dij]mxp)+ = Gdei([Vmx])T where v is a column rector (w nows (excluding houndries) and I churn). Note that he any two matrices, to have a deliped marrix product A-B A most have the same number of column as Bhar rows, eg. Aman · Bjak nost have n=j. Enouring (10) ology this property: (Epxp] + Cpxp] [mxp] + Chxp] = [:x1][mx1] [PXm] + [PYM] = [?xh] We then see that ê, in this context has dimensions: I propose on of "T" to do note * as copiled tou-lewriting, (ba) ([Tij]pxp) ([dij]mxp) + te (Cdij]mxp) = bdepxi (Vmxi) T Solving for ix

(104) ((Cij]mxp))=((CTij]pxp) [Gelêpxi(Vmxi)]-ti(Chij]mxp)]

the definition of dats aj (tn, zi) = [dij]mxp = [do (20) - di (80) 06(2m) (0p(2m)) Therebre P = do implier that He Birst column of & Thould be extracted. In order input (10a) in b "Model b", we can replace of with the extracted first columns of I done by the ê, operator, eg. [do de] [o.] TE = [dij]mxy epxi Recall model B Substituting for IP/JE in makir nitation, dropping hours: (Modif) It Vmx1 = 6760 22 Vmx1 + 22 [dij]mxpepx, Note that our substitution is also mxl. Returning to (10h), we can distribute the transpose gordor be fore substitution, giving (10c) [dij] mxp = [bid Vunxi êpr, -te [dij] mxp ([Tij]pxp) -T

(2)

Pluging (101) into (Model B)

It Vinks - Grap \(\frac{12}{122} \times \times \) = \(\frac{1}{12} \) [bid Vinks \(\frac{1}{22} \) [min] = \(\frac{1}{12} \) [bid Vinks \(\frac{1}{22} \) [min] \(\frac{1} \) [min] \(\frac{1}{22} \) [min] \(\frac{1}{22} \) [min] \(\f

Not sure what next step is, & ondirented? Not sure