a mothematical, entropy H(U) ER+ I scalar was fitne called entropy fewer Ti(U) H, Ai = Fin $H_{1t} + \sigma_{i,i} = H_{10} U_{1t}$ $=H_{,\upsilon}\left(U_{,\xi}+A_{\dot{z}}U_{,\dot{z}}\right)$ H= -gs K , with o; = Hui Note: His a convex ftm of U. \$ HJ AXE[0,1] 4H(Un)+ (1-4)H(Um) > H (\(\(\lambda \(\lambda_{(1)} + (1- \(\lambda \rangle \(\lambda_{(n)} \))

Ve & well - defined change of 140. V(U) by convey of H(U) also be expressed as Hour pas. def. 5×5 Why is V important? Let's see. U,+ + A: (U)U, - (K: (U)U,), -7(U) R(V) = R(U(X)) = U, V,+ + A;(U(V))U,V,; - 7(U(V) -(Kig (U(V))U, V,j),i - Kij (Y) Vij

$$O = R(V)$$

$$U(V)_{1}^{k} + A_{1}(V)_{1}^{k} - (R_{1}^{k}(V)_{1}^{k})_{1}^{k} - \tilde{f}(V)_{1}^{k}$$

$$= A_{0}(V)_{1}^{k} + A_{1}(V)_{1}^{k} - (R_{1}^{k}(V)_{1}^{k})_{1}^{k} - \tilde{f}(V)_{1}^{k}$$
Propertie 1. As signm, pooled

2. Each A_{1} is signm.

and A_{1}^{k} R_{1} has real signmoless

and A_{1}^{k} R_{1}^{k} has real signmoless

for all R_{1}^{k} R_{1}^{k} r_{1}^{k} r_{2}^{k}

Friesrichan

Solution

15 × 15

$$R_{21} R_{22} R_{23} R_{33}$$

Friesrichan

Solution

15 × 15

$$R_{31} R_{31} R_{32} R_{33}$$

15 × 15

$$R_{31} R_{32} R_{33} R_{33}$$

15 × 15

$$R_{31} R_{32} R_{33} R_{34} R_{35}$$

15 × 15

$$R_{31} R_{32} R_{34} R_{35}$$

16 × 16

$$R_{31} R_{34} R_{34} R_{35}$$

17 × 16

$$R_{31} R_{34} R_{34} R_{35}$$

18 × 16

$$R_{31} R_{34} R_{34} R_{35}$$

19 × 16

$$R_{31} R_{34} R_{35} R_{35}$$

19 × 16

$$R_{31} R_{34} R_{35} R_{35}$$

19 × 16

$$R_{31} R_{34} R_{35} R_{35}$$

10 × 16

$$R_{31} R_{34} R_{35} R_{35}$$

10 × 16

$$R_{31} R_{34} R_{35} R_{35}$$

10 × 16

$$R$$



