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natural matricially order compatible pair"; "3.2. Matricially order compatible structures on  $(M(K), C[\text{sub}(b)]K)$  through representations"; "3.3. Special matrix orders on  $M(K)$  for commutative  $K$ "; "3.4. Role of conjugate representations in Fourier transform"; "3.5. Positive definite presentations and completely positive presentations of hypergroups"; "3.6. The spectral subspaces of a presentation of a hypergroup"; "3.7. Quantized positive definite presentations and presentations of hypergroups"; "3.8. Completely positive instruments with values in  $K$  and their characteristic functions"; "3.9. Completely positive hypergroup actions and coactions"; "Chapter 4. Some Concrete Presentations and Actions of Hypergroups"; "4.1. Presentations and presentations arising from the left regular representation"; "4.2. The situation in 2-fold absolutely continuous hypergroups"; "4.3. Amenability for hypergroups"; "4.4. Folner hypergroups"; "4.5. Isometry condition on  $L^1(I)$ "; "4.6. Actions and coactions arising from the left regular representation"; "4.7. The special case  $X = L^2(K) = X[\text{sub}(*)]$ "; "References"

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