1114-43-46   **Sergio Albeverio** and **Ambar N Sengupta*** (`ambarnsg@gmail.com`), Department of Mathematics, Louisiana State University, Baton Rouge, LA 70810. *Representing the Heisenberg group: ideas from Frobenius to von Neumann.*

We explore von Neumann's proof of the equivalence of the Schrödinger and Heisenberg representations in quantum mechanics, and connect with earlier ideas of Frobenius. (Received July 25, 2015)