Abstract Submitted
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Dispersion dynamics in HiTc ANTONY BOURDILLON[1], UHRL — The key to understanding HiTc is the Chemical hole [1] that replaces the isotope effect and lattice distortions of LoTc. Hall coefficients are positive in the former superconductor and negative in the latter. Since the Lorentz force can influence neither voids nor immobile ions, how do HiTc materials show positive Hall coefficients? Moreover, in the superconducting state, where $\boldsymbol{E}$=0, how is charge transported without resistance? Clear answers are given in dispersion dynamics [1] based on the stable wave packet. [1] *High temperature superconductors – science and processing*, Bourdillon A and Tan-Bourdillon NX, 1993, Academic. [2] *Dispersion dynamics in the Hall effect and pair bonds in HiTc*, Bourdillon AJ, 2017, Nova Science.

[1]www.xraylithography.us

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