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Thomas W. Kephart* (tom.kephart@gmail.com), box. 1807 Sta B, Physics Dept., Vanderbilt Univ., Nashville, TN 37235, and **Roman V, Buniy**. "*Physical systems with tight knots, links and braids*".

We explore a list of physical systems where confinement can lead to tightly knotted, linked, or braided flux tubes and then argue that these systems possess a universal geometrically quantized solitonic mass-energy spectrum. (Received August 29, 2006)