1154-14-1359   **Jeff Achter*** (`achter@math.colostate.edu`), Department of Mathematics, Colorado State University, Fort Collins, CO 80523-1874, and **Sebastian Casalaina-Martin** and **Charles Vial**.
The arithmetic of intermediate Jacobians.

Let X be a variety over a subfield K of $\mathbb{C}$. Although the construction of the (algebraic) intermediate Jacobian of $X_{\mathbb{C}}$ is resolutely transcendental, this abelian variety has a distinguished model over K. I'll discuss what this abelian variety can tell us about the arithmetic and geometry of X. (Received September 15, 2019)