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Rachel Davis* (rachel.davis@wisc.edu), **Rachel Pries**, **Vesna Stojanoska** and **Kirsten Wickelgren**. *Fermat curves and Heisenberg extensions*.

Using the explicit formula for the Galois action on Fermat curves from the first talk of this pair, we determine the maps between several Galois cohomology groups which arise in connection with obstructions for rational points on the generalized Jacobian. Heisenberg extensions play a key role in the outcome. (Received September 15, 2016)