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Inverse Jacobian and related topics for certain superelliptic curves

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CURRICULUM VITAE

Anna Somoza Henares was born in L'Hospitalet del Llobregat on 10th December 1991.

In 2009 she obtained her secondary school diploma at Escola Mestral, in Sant Feliu del Llobregat. Afterwards, she started her Mathematics degree at Universitat Politècnica de Catalunya, Barcelona, and she obtained her diploma in 2013.

In 2014 she graduated from the Master in Applied Mathematics and Mathematical Engineering, also at Universitat Politècnica de Catalunya, after defending her masters' thesis *The Sato-Tate conjecture for a Picard curve with Complex Multiplication* under the supervision of Joan-Carles Lario.

In 2015 she started her PhD studies between Universitat Politècnica de Catalunya and Universiteit Leiden under the supervision of Joan-Carles Lario, Peter Stevenhagen and Marco Streng, which lead to the thesis you are now reading.

She has been working as a postdoc at Max Planck Institute für Mathematik since September 2018.