

# Deformations of $p$ -divisible groups and $p$ -descent on elliptic curves

(Met een samenvatting in het Nederlands)

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To my first teachers  
O. A. Sheptovitskaya and B. M. Bekker

This thesis consists of two independent parts. The first 5 chapters are dedicated to infinitesimal deformation theory and applications to  $p$ -divisible groups. The last chapter concerns Kummer maps and  $p$ -descent on elliptic curves. Each part has an own introduction, to which we refer for a more detailed description.

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