ELEVATORS FOR DEGENERATIONS OF PEL STRUCTURES — ERRATA

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- (1) Def. 2.1(2): λ should be written $\lambda : A \to A^{\vee}$ without the \sim on top on the \rightarrow . It is written that it is a homomorphism, not an isomorphism.
- (2) In the proof of Prop. 5.2, it is inappropriate to assert that $C^{\mathsf{Z}} \to \mathsf{M}_{\mathcal{H}}^{\mathsf{Z}}$ an abelian scheme, because in general it is only an abelian scheme torsor over a finite étale cover of the target (which is nevertheless a proper morphism). (See the errata to [2], which is a published revision of [1], on the author's website. The validity of this proof does not depend this flawed assertion and hence is unaffected.)

References

- K.-W. Lan, Arithmetic compactification of PEL-type Shimura varieties, Ph. D. Thesis, Harvard University, Cambridge, Massachusetts (2008). Errata and revision available online at the author's website.
- [2] _____, Arithmetic compactification of PEL-type Shimura varieties, London Mathematical Society Monographs, vol. 36, Princeton University Press, Princeton, 2013. Current address: University of Minnesota, Minneapolis, MN 55455, USA E-mail address: kwlan@math.umn.edu

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