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**James M Borger\*** ([james.borger@anu.edu.au](mailto:james.borger@anu.edu.au)), Mathematical Sciences Institute, building 27, Australian National University, Canberra, ACT 0200, Australia. *Witt vectors and lambda-structures in arithmetic algebraic geometry*. Preliminary report.

I'll report on some recent work on Witt vectors and lambda-rings (in the sense of Grothendieck) in arithmetic algebraic geometry. (Received September 24, 2012)