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Richard G Froese* (rfroese@math.ubc.ca), Department of Mathematics, University of British Columbia, Vancouver, BC V6T 1Z2, Canada, and Florina Halasan and David Hasler. Absolutely continuous spectrum at low disorder for the Anderson model on products of trees with finite graphs. Preliminary report.

We consider the Anderson model on graphs of the form $T \times G$, where T is a tree and G a suitable finite graph. Such graphs can have loops of unbounded size. We show existence of absolutely continuous spectrum at low disorder. (Received January 26, 2010)