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**Kirsten Hogenson\*** (kahogens@iastate.edu), **Ryan Martin** and **Yi Zhao**. *Tiling tripartite graphs with 3-colorable graphs: The extreme case.*

Let  $N$  be sufficiently large and divisible by  $h$ . If  $G$  is a tripartite graph with  $N$  vertices in each vertex class such that every vertex is adjacent to at least  $2N/3+2h-1$  vertices in each of the other classes, then  $G$  can be tiled perfectly by copies of  $K_{h,h,h}$ . This extends work by two of the authors [Electron. J. Combin, 16(1), 2009] and also gives a sufficient condition for tiling by any fixed 3-colorable graph. Furthermore, the minimum-degree  $2N/3+2h-1$  in our result for  $K_{h,h,h}$  can not be replaced by  $2N/3+h-2$ , and if  $N$  is divisible by  $6h$ , then the required minimum degree is  $2N/3+h-1$  for  $N$  large enough and this is tight. (Received July 16, 2014)