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Victor Donnay and **Daniel Visscher*** (dvisscher@ithaca.edu). *Embedded surfaces of finite genus with Anosov geodesic flow: Part II.*

We consider a non-compact cover of our model space (from Part I) formed by two planes with a finite horizon arrangement of tubes between them. We produce a one-parameter family of maps of R^3 to itself such that the image of the non-compact cover is an embedded surface for which we can explicitly determine the genus. For sufficiently high genus, we show that the geodesic flow on the embedded surface is Anosov. (Received January 22, 2022)