



Contribution ID: 5

Type: **not specified**

Surfaces in 4-manifolds

Monday 22 May 2023 10:45 (45 minutes)

We will review the genus function (associating to a second homology class the minimal genus of an embedded surface representing it), and show how to extend it. The function turns out to be useful in obstructing smooth sliceness, while the extension might become handy in contemplating about smooth structures on the four-sphere.

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