

## Geometry, Topology and Dynamics Seminar

### *Revisiting Leighton's graph covering theorem*

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**Abstract:** Leighton's graph covering theorem states that two finite graphs with isomorphic universal covers have isomorphic finite covers. I will discuss a new proof that involves using the Haar measure to solve a set of gluing equations. I will discuss generalizations to graphs with fins, and applications to quasi-isometric rigidity.

Monday, October 29 at 3:00 PM in 636 SEO