ℤ **The ARCS Seminar**

Irreducible representations of Leavitt algebras $L(n,m)$.

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Abstract: For a graph E we construct a "representation graph" F and consequently a representation V_F for the Leavitt path algebra $L(E)$. Our approach gives a completely new way to construct Chen/Rangaswamy simple modules of these algebras. Besides being more visual, this approach allows for generalising to weighted graphs and produce irreducible representations for Leavitt algebras $L(n,m)$. This is a joint work with Raimund Preusser and Alexander Shchegolev from St. Petersburg.

Time and Place: Wednesday, February 17 from 4:30–5:30PM (Mountain Time Zone) on Zoom. Contact Gene Abrams for the invitation link.