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## Zeta functions of finite complexes from $\mathrm{PGL}(3)$

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Generalizing Ihara's formula for zeta functions of finite graphs, Ming-Hsuan Kang and Winnie Li recently obtained a closed formula for zeta functions of finite complexes arising as quotients of the Bruhat-Tits building associated to  $\mathrm{PGL}(3)$  over a nonarchimedean local field. Their proof is based on combinatorial arguments. In this talk, we shall interpret their result using  $p$ -adic representation theory.

*Joint work with Ming-Hsuan Kang and Winnie Li.*