

# TORIC SURFACE SINGULARITIES AND THEIR RESOLUTIONS

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## ABSTRACT

A toric surface is a two-dimensional normal toric variety. Any toric surface can have only finitely many singular points. In this talk, I will describe these singularities and explain the problem of finding their resolutions. Along the way, I will introduce the Hirzebruch-Jung continued fractions and show how this computation can be used to find a toric resolution of singularities.