

## The Calkin-Wilf Tree

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The Calkin-Wilf tree is an infinite binary tree whose vertex set consists of all positive rational numbers. We will discuss a generalization based on two parameters,  $u$  and  $v$ , referred to as the  $(u, v)$ -Calkin-Wilf tree. We will also speak about the linear fractional transformation analogue of the Calkin-Wilf tree and some applications.

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