Frohman on Hyperbolic Geometry
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Charles Frohman I love giving that lecture. I derive that if I take the sector of the hyperbola $x^{\wedge} 2-y^{\wedge} 2=1$ with vertices $(0,0),(1,0)$ and $(c, s)$ where $c>0$ and edges consisting of line segments from $(0,0)$ to $(1,0)$ and $(0,0)$ to $(c, s)$ along with the arc of the hyperbola from $(1,0)$ to $(c, s)$ having signed area $t / 2$ then ( $c, s)=($ cosht,sinht). I found it in Klein's Elementary Mathematics from a Higher Viewpoint.

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