Equations in Hyperbolic(-esque) Groups

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- Let Γ be a group, and $\Sigma\left(x_1, \ldots, x_d\right)$ a system of equation on d variables. We define the **set of solution of** Σ **in** Γ to be the set

$$\mathsf{V}_\Gamma\left(\Sigma\right) = \left\{\left(g_1, \ldots, g_d\right) \in \Gamma^d \mid \Sigma\left(g_1, \ldots, g_d\right) =_\Gamma 1\right\}$$

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- First item
- Second item
- Third item

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Something important

Einstein's formula

$$E = mc^2$$