

## Recycling

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comparing with Murid/Mimer section 2 prop 2.5 suggests that the correct seed is not  $\langle h, l \rangle = 1$  but perhaps  $\langle e^h, e^l \rangle = 1$ , or some variation of that.

suppose  $\langle e^{\alpha x}, e^{\beta y} \rangle = \alpha \beta$ . Taking  $\partial_\alpha \partial_\beta |_{\alpha=\beta=0}$  we get  $\langle x, y \rangle = 1$ .

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$\langle e^{\alpha x}, e^{\beta y} \rangle = e^{\log \alpha \cdot \log \beta} \Rightarrow X$