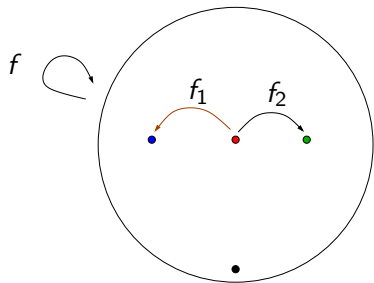


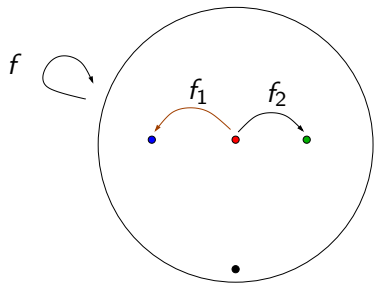
Example (Thurston)

$f : S_{0,4} \rightarrow S_{0,4}$ (Red then Black) is pseudo-Anosov.



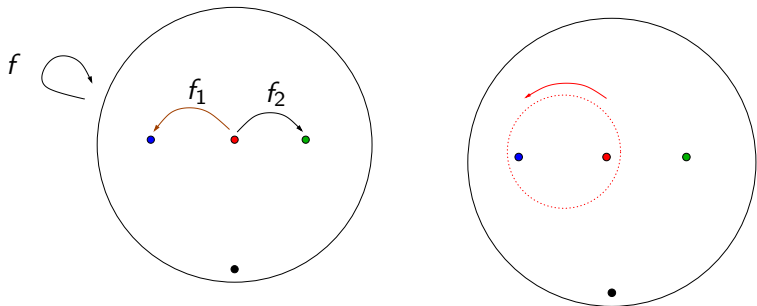
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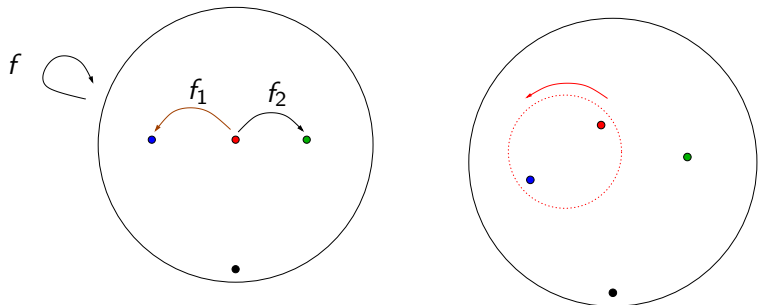
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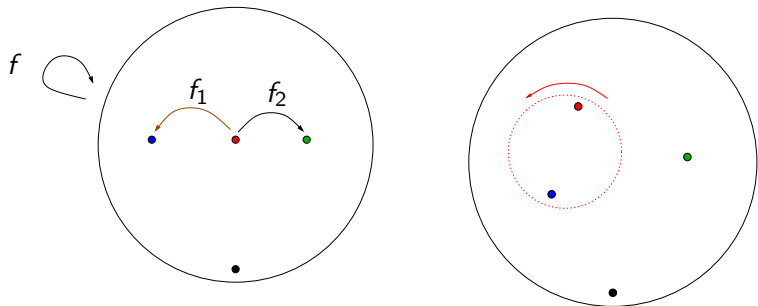
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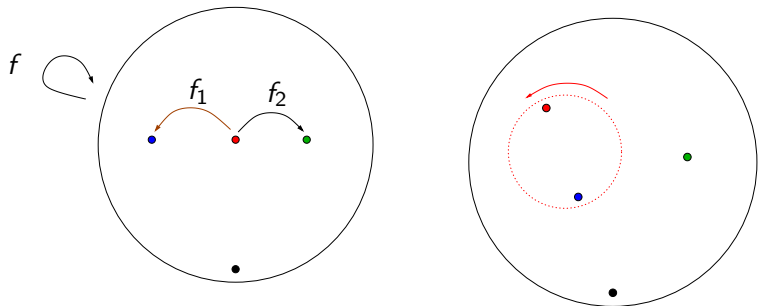
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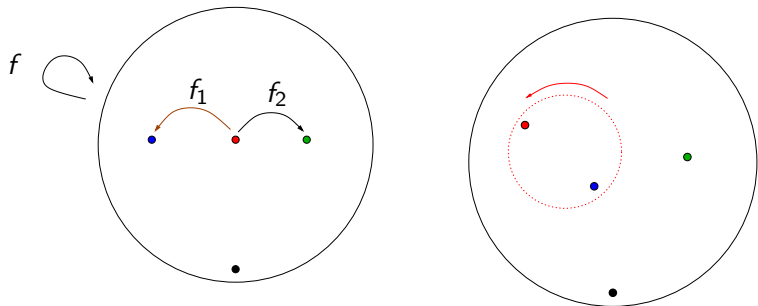
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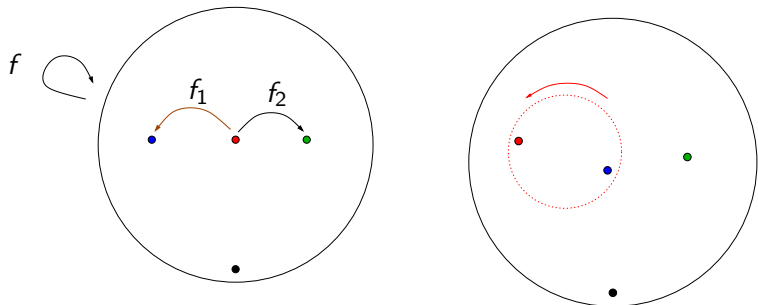
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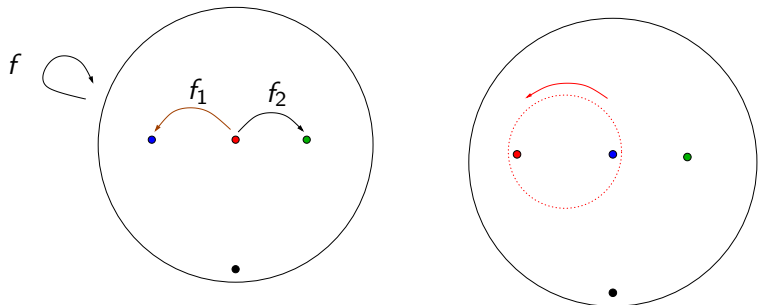
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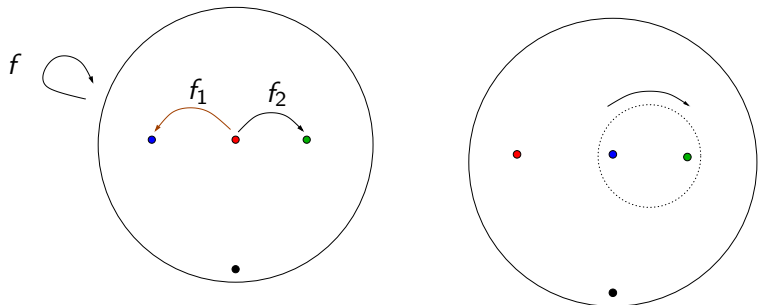
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$f : S_{0,4} \rightarrow S_{0,4}$ (Red then Black) is pseudo-Anosov.



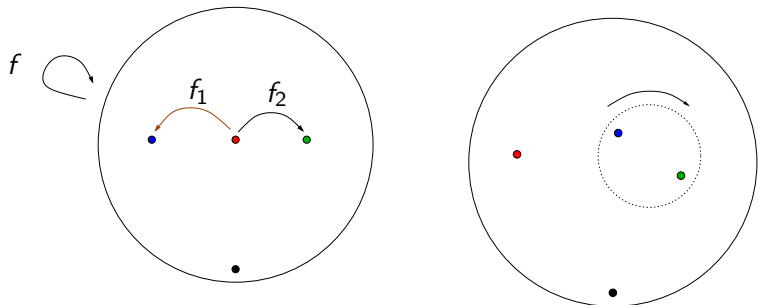
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$f : S_{0,4} \rightarrow S_{0,4}$ (Red then Black) is pseudo-Anosov.



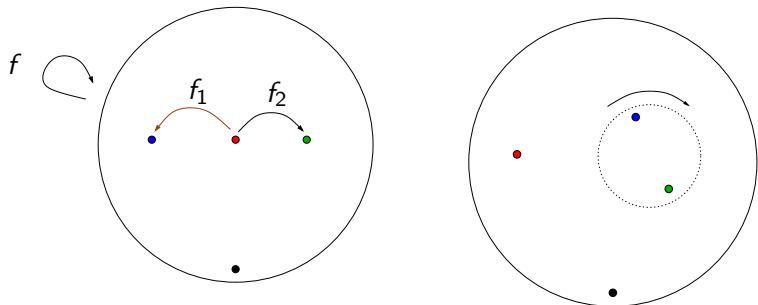
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$f : S_{0,4} \rightarrow S_{0,4}$ (Red then Black) is pseudo-Anosov.



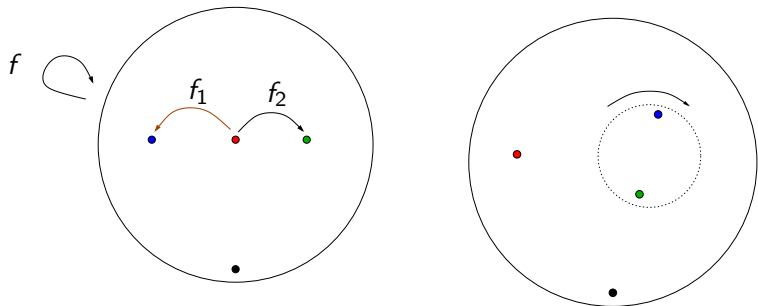
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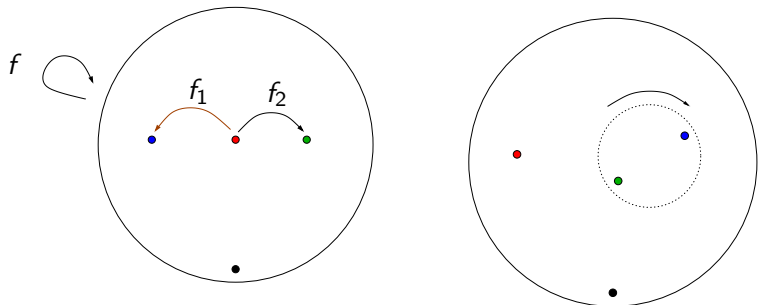
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$f : S_{0,4} \rightarrow S_{0,4}$ (Red then Black) is pseudo-Anosov.



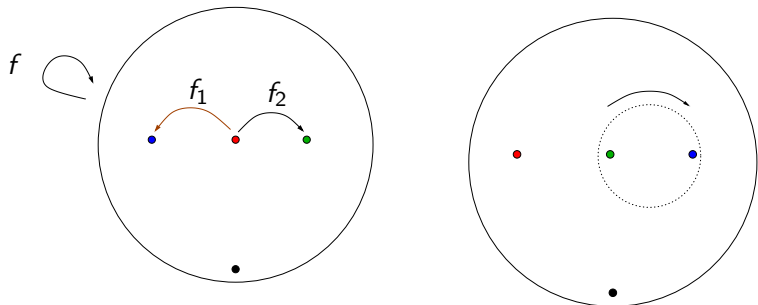
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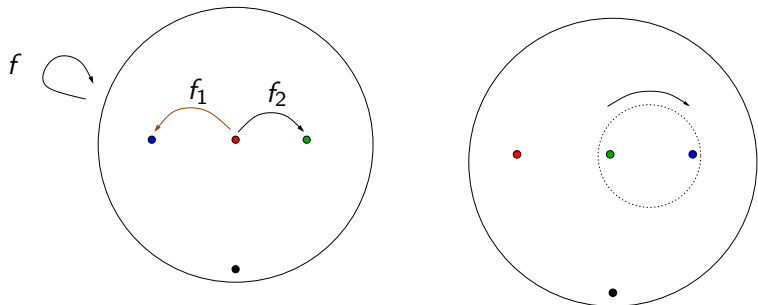
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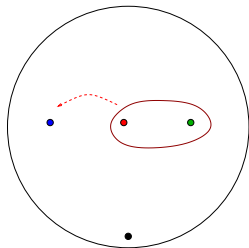


Example (Thurston)

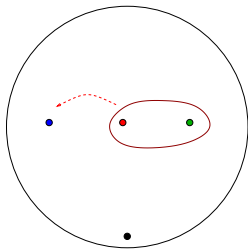
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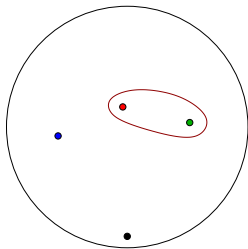
$f : S_{0,4} \rightarrow S_{0,4}$. Choose a simple closed curve α on $S_{0,4}$.



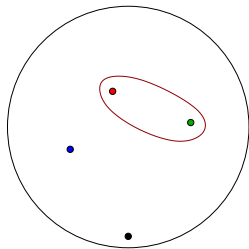
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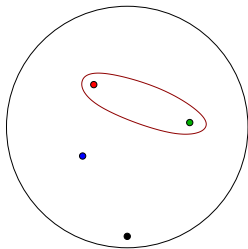
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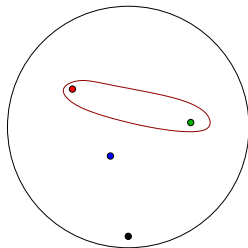
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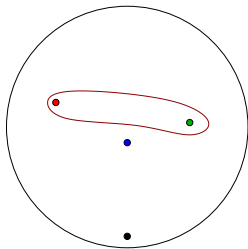
$f : S_{0,4} \rightarrow S_{0,4}$. Choose a simple closed curve α on $S_{0,4}$.



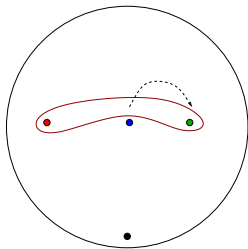
$f : S_{0,4} \rightarrow S_{0,4}$. Choose a simple closed curve α on $S_{0,4}$.



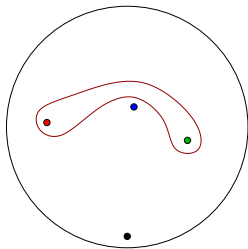
$f : S_{0,4} \rightarrow S_{0,4}$. Choose a simple closed curve α on $S_{0,4}$.



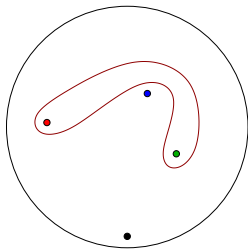
$f : S_{0,4} \rightarrow S_{0,4}$. Choose a simple closed curve α on $S_{0,4}$.



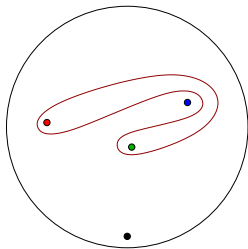
$f : S_{0,4} \rightarrow S_{0,4}$. Choose a simple closed curve α on $S_{0,4}$.



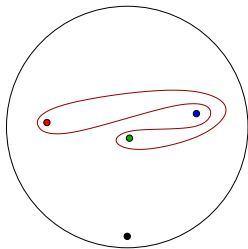
$f : S_{0,4} \rightarrow S_{0,4}$. Choose a simple closed curve α on $S_{0,4}$.



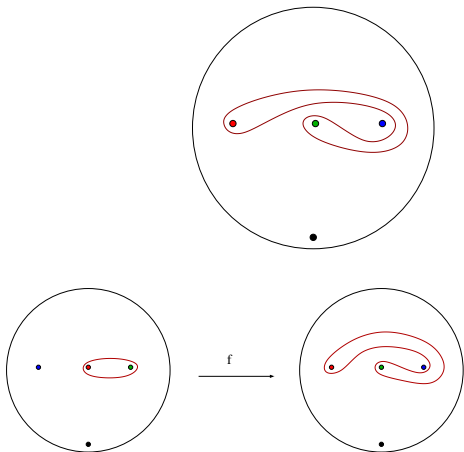
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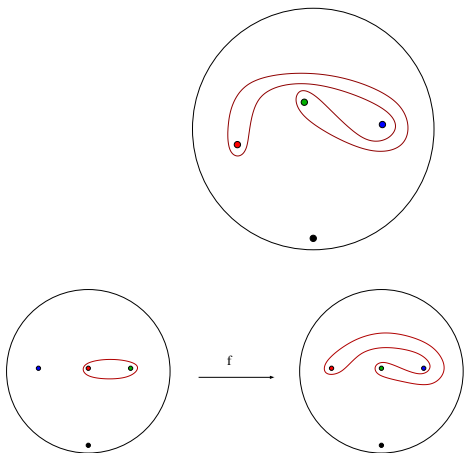
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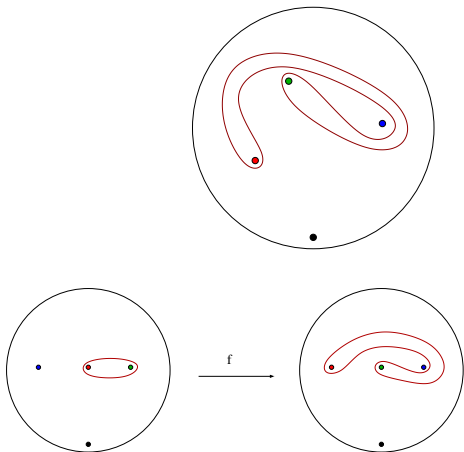
$f : S_{0,4} \rightarrow S_{0,4}$. Choose a simple closed curve α on $S_{0,4}$.



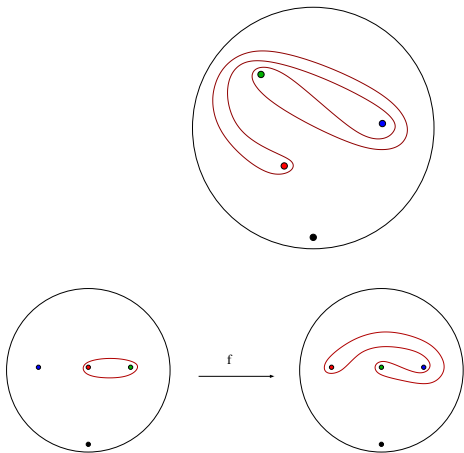
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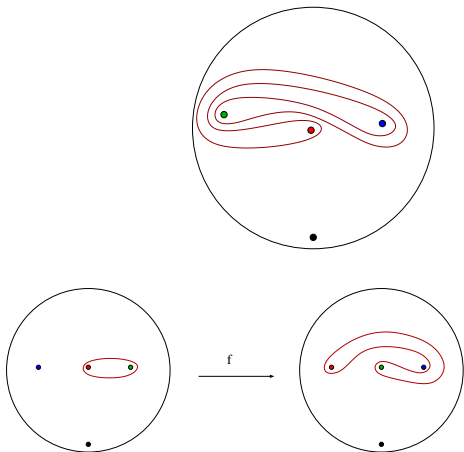
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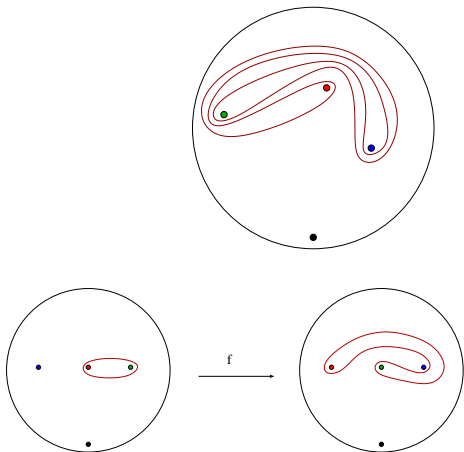
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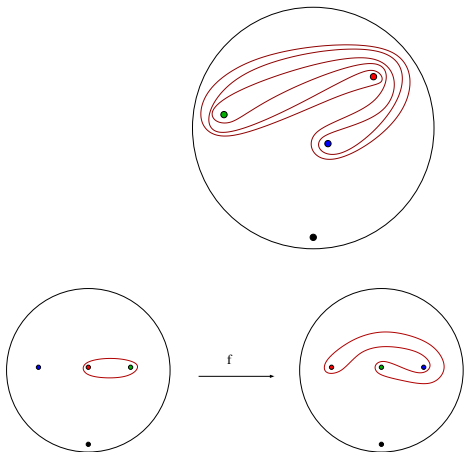
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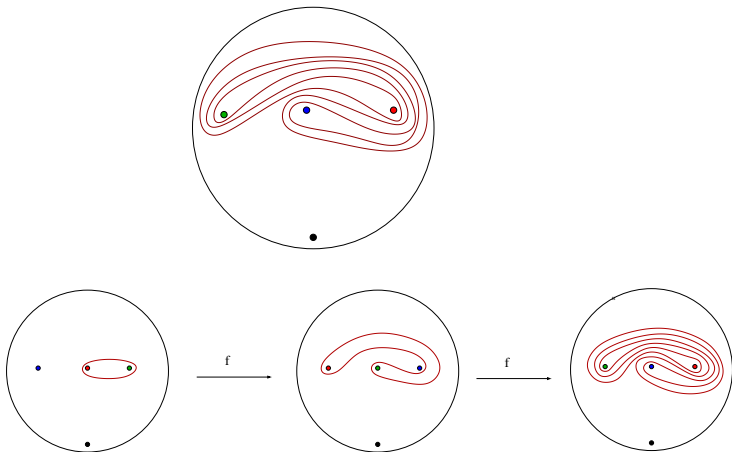
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