
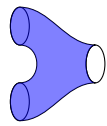
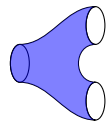

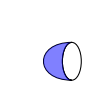
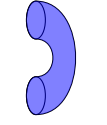
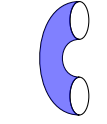
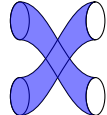


Graphical calculus for Frobenius algebras

frobeniusgraphcalc.sty

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December 29, 2009

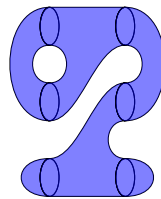
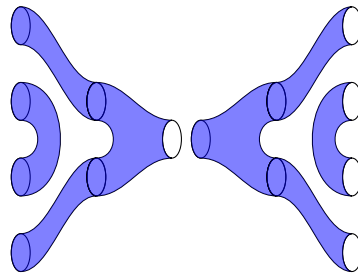
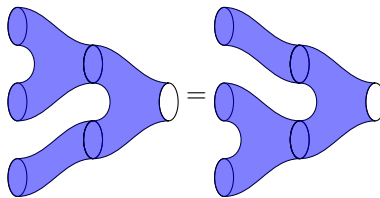
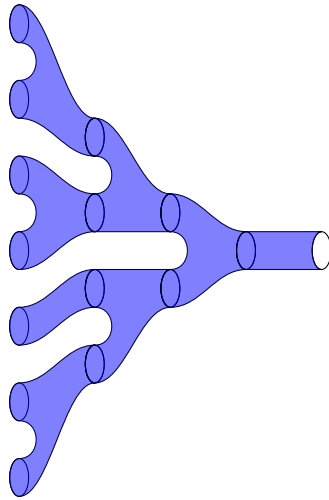
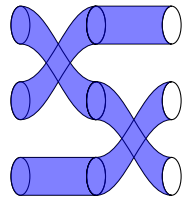
	<code>\gid</code>	identity
	<code>\gmu</code>	multiplication
	<code>\gdelta</code>	comultiplication
	<code>\gepsilon</code>	Frobenius form
	<code>\gunit</code>	unit
	<code>\gbeta</code>	pairing
	<code>\ggamma</code>	copairing
	<code>\gtwist</code>	twist

<code>graphcalc</code>	(environment) wrapper around all graphical calculations [optional argument: TikZ-style options]
<code>\gvec{n}</code>	number of tensor factors of the first domain space
<code>\gtensor</code>	tensor product of maps
<code>\gcomp</code>	(inverse) composition of maps

```

\begin{graphcalc}
\gvec{3}
\gtwist
\gtensor
\gid
\gcomp
\gid
\gtensor
\gtwist
\end{graphcalc}

```



<code>\gfillcolour</code>	standard fill colour (for all maps)
<code>\gcolour</code>	standard colour of the strokes
<code>\gopacity</code>	opacity of the fill colours
<code>\gidcolour</code>	fill colour of <code>\gid</code>
<code>\gmucolour</code>	fill colour of <code>\gmu</code>
<code>\gdeltacolour</code>	fill colour of <code>\gdelta</code>
<code>\gepsilocolour</code>	fill colour of <code>\gepsilon</code>
<code>\gunitcolour</code>	fill colour of <code>\gunit</code>
<code>\gbetacolour</code>	fill colour of <code>\gbeta</code>
<code>\ggammacolour</code>	fill colour of <code>\ggamma</code>
<code>\gtwistcolour</code>	fill colour of <code>\gtwist</code>

