

In[]:= **Exit** []

 **FindFile**: ParentDirectory[] in \$Path is not a string.

In[]:= << **KnotTheory`**

C:\drorbn\AcademicPensieve\Projects\KnotTheory\KnotTheory

Loading KnotTheory` version of February 2, 2020, 10:53:45.2097.

Read more at <http://katlas.org/wiki/KnotTheory>.

In[]:= **KnotTheoryDirectory** []

Out[]:=

C:\drorbn\AcademicPensieve\Projects\KnotTheory\KnotTheory

In[]:= **\$Path**

Out[]:=

```
{C:\Users\drorb\AppData\Roaming\Mathematica\DocumentationIndices,
C:\Program Files\Wolfram Research\Mathematica\14.0\SystemFiles\Links,
C:\Users\drorb\AppData\Roaming\Mathematica\Kernel,
C:\Users\drorb\AppData\Roaming\Mathematica\Autoload,
C:\Users\drorb\AppData\Roaming\Mathematica\Applications,
C:\ProgramData\Mathematica\Kernel, C:\ProgramData\Mathematica\Autoload,
C:\ProgramData\Mathematica\Applications, ., C:\Users\drorb,
C:\Program Files\Wolfram Research\Mathematica\14.0\AddOns\Packages,
C:\Program Files\Wolfram Research\Mathematica\14.0\SystemFiles\Autoload,
C:\Program Files\Wolfram Research\Mathematica\14.0\AddOns\Autoload,
C:\Program Files\Wolfram Research\Mathematica\14.0\AddOns\Applications,
C:\Program Files\Wolfram Research\Mathematica\14.0\AddOns\ExtraPackages,
C:\Program Files\Wolfram Research\Mathematica\14.0\SystemFiles\Kernel\Packages,
C:\Program Files\Wolfram Research\Mathematica\14.0\Documentation\English\System,
C:\Program Files\Wolfram Research\Mathematica\14.0\SystemFiles\Data\ICC, C:\Program
Files\Wolfram Research\Mathematica\14.0\Documentation\ChineseSimplified\System,
C:\drorbn\AcademicPensieve\Projects\KnotTheory,
C:\drorbn\AcademicPensieve\Projects\KnotTheory\KnotTheory\WikiLink\mathematica\,
C:\drorbn\AcademicPensieve\Projects\KnotTheory\KnotTheory\QuantumGroups\}
```

In[]:= **Exit** []

```

In[*]:= $Path
Out[*]=
{C:\Users\drorb\AppData\Roaming\Mathematica\DocumentationIndices,
 C:\Program Files\Wolfram Research\Mathematica\14.0\SystemFiles\Links,
 C:\Users\drorb\AppData\Roaming\Mathematica\Kernel,
 C:\Users\drorb\AppData\Roaming\Mathematica\Autoload,
 C:\Users\drorb\AppData\Roaming\Mathematica\Applications,
 C:\ProgramData\Mathematica\Kernel, C:\ProgramData\Mathematica\Autoload,
 C:\ProgramData\Mathematica\Applications, ., C:\Users\drorb,
 C:\Program Files\Wolfram Research\Mathematica\14.0\AddOns\Packages,
 C:\Program Files\Wolfram Research\Mathematica\14.0\SystemFiles\Autoload,
 C:\Program Files\Wolfram Research\Mathematica\14.0\AddOns\Autoload,
 C:\Program Files\Wolfram Research\Mathematica\14.0\AddOns\Applications,
 C:\Program Files\Wolfram Research\Mathematica\14.0\AddOns\ExtraPackages,
 C:\Program Files\Wolfram Research\Mathematica\14.0\SystemFiles\Kernel\Packages,
 C:\Program Files\Wolfram Research\Mathematica\14.0\Documentation\English\System,
 C:\Program Files\Wolfram Research\Mathematica\14.0\SystemFiles\Data\ICC, C:\Program
 Files\Wolfram Research\Mathematica\14.0\Documentation\ChineseSimplified\System\,
 C:\drorbn\AcademicPensieve\Projects\KnotTheory}

In[*]:= $Path = Drop[$Path, -1]
Out[*]=
{C:\Users\drorb\AppData\Roaming\Mathematica\DocumentationIndices,
 C:\Program Files\Wolfram Research\Mathematica\14.0\SystemFiles\Links,
 C:\Users\drorb\AppData\Roaming\Mathematica\Kernel,
 C:\Users\drorb\AppData\Roaming\Mathematica\Autoload,
 C:\Users\drorb\AppData\Roaming\Mathematica\Applications,
 C:\ProgramData\Mathematica\Kernel, C:\ProgramData\Mathematica\Autoload,
 C:\ProgramData\Mathematica\Applications, ., C:\Users\drorb,
 C:\Program Files\Wolfram Research\Mathematica\14.0\AddOns\Packages,
 C:\Program Files\Wolfram Research\Mathematica\14.0\SystemFiles\Autoload,
 C:\Program Files\Wolfram Research\Mathematica\14.0\AddOns\Autoload,
 C:\Program Files\Wolfram Research\Mathematica\14.0\AddOns\Applications,
 C:\Program Files\Wolfram Research\Mathematica\14.0\AddOns\ExtraPackages,
 C:\Program Files\Wolfram Research\Mathematica\14.0\SystemFiles\Kernel\Packages,
 C:\Program Files\Wolfram Research\Mathematica\14.0\Documentation\English\System,
 C:\Program Files\Wolfram Research\Mathematica\14.0\SystemFiles\Data\ICC, C:\Program
 Files\Wolfram Research\Mathematica\14.0\Documentation\ChineseSimplified\System}

In[*]:= << KnotTheory`
Get: Cannot open KnotTheory`.

Out[*]=
$Failed

In[*]:= SetDirectory["C:\\drorbn\\AcademicPensieve\\Projects\\KnotTheory"]
Out[*]=
C:\drorbn\AcademicPensieve\Projects\KnotTheory

```

```
In[ ]:= << KnotTheory`
```

```
C:\drorbn\AcademicPensieve\Projects\KnotTheory\KnotTheory
```

```
Loading KnotTheory` version of February 2, 2020, 10:53:45.2097.
```

```
Read more at http://katlas.org/wiki/KnotTheory.
```

```
In[ ]:= KnotTheoryDirectory[]
```

```
Out[ ]:=
```

```
C:\drorbn\AcademicPensieve\Projects\KnotTheory\KnotTheory
```

```
In[ ]:= Exit[]
```

```
In[ ]:= $Path = Drop[$Path, -1]
```

```
Out[ ]:=
```

```
{C:\Users\drorb\AppData\Roaming\Mathematica\DocumentationIndices,
 C:\Program Files\Wolfram Research\Mathematica\14.0\SystemFiles\Links,
 C:\Users\drorb\AppData\Roaming\Mathematica\Kernel,
 C:\Users\drorb\AppData\Roaming\Mathematica\Autoload,
 C:\Users\drorb\AppData\Roaming\Mathematica\Applications,
 C:\ProgramData\Mathematica\Kernel, C:\ProgramData\Mathematica\Autoload,
 C:\ProgramData\Mathematica\Applications, ., C:\Users\drorb,
 C:\Program Files\Wolfram Research\Mathematica\14.0\AddOns\Packages,
 C:\Program Files\Wolfram Research\Mathematica\14.0\SystemFiles\Autoload,
 C:\Program Files\Wolfram Research\Mathematica\14.0\AddOns\Autoload,
 C:\Program Files\Wolfram Research\Mathematica\14.0\AddOns\Applications,
 C:\Program Files\Wolfram Research\Mathematica\14.0\AddOns\ExtraPackages,
 C:\Program Files\Wolfram Research\Mathematica\14.0\SystemFiles\Kernel\Packages,
 C:\Program Files\Wolfram Research\Mathematica\14.0\Documentation\English\System,
 C:\Program Files\Wolfram Research\Mathematica\14.0\SystemFiles\Data\ICC, C:\Program
 Files\Wolfram Research\Mathematica\14.0\Documentation\ChineseSimplified\System}
```

```
In[ ]:= SetDirectory["C:\\drorbn\\AcademicPensieve\\Projects"]
```

```
Out[ ]:=
```

```
C:\drorbn\AcademicPensieve\Projects
```

```
In[ ]:= << KnotTheory`
```

```
 Get: Cannot open KnotTheory`.
```

```
Out[ ]:=
```

```
$Failed
```

```
In[ ]:= << KnotTheory/KnotTheory/init.m
```

```
C:\drorbn\AcademicPensieve\Projects\KnotTheory
```

```
Could not figure out KnotTheoryDirectory[] - some functionality
```

```
will be missing. See https://katlas.org/wiki/Setup#Setting\_the\_Path
```

```
Loading KnotTheory` version of February 2, 2020, 10:53:45.2097.
```

```
Read more at http://katlas.org/wiki/KnotTheory.
```

```
In[*]:= KnotTheoryDirectory[]
```

```
Out[*]=
```

```
In[*]:= Jones[Knot[3, 1]][q]
```

```
Get: ParentDirectory[] in $Path is not a string.
```

```
Get: ParentDirectory[] in $Path is not a string.
```

```
Get: Cannot open KnotTheory`Jones4Knots`.
```

```
Needs: Context KnotTheory`Jones4Knots` was not created when Needs was evaluated.
```

```
Get: ParentDirectory[] in $Path is not a string.
```

```
General: Further output of Get::path will be suppressed during this calculation.
```

```
Get: Cannot open KnotTheory`PD4Knots`.
```

```
Needs: Context KnotTheory`PD4Knots` was not created when Needs was evaluated.
```

```
Out[*]=
```

$$\frac{\sqrt{q} \text{Knot}[3, 1]}{1 + q}$$

```
In[*]:= Exit[]
```

```
FindFile: ParentDirectory[] in $Path is not a string.
```

```
In[*]:= $Path = Drop[$Path, -1]
```

```
Out[*]=
```

```
{C:\Users\drorb\AppData\Roaming\Mathematica\DocumentationIndices,
 C:\Program Files\Wolfram Research\Mathematica\14.0\SystemFiles\Links,
 C:\Users\drorb\AppData\Roaming\Mathematica\Kernel,
 C:\Users\drorb\AppData\Roaming\Mathematica\Autoload,
 C:\Users\drorb\AppData\Roaming\Mathematica\Applications,
 C:\ProgramData\Mathematica\Kernel, C:\ProgramData\Mathematica\Autoload,
 C:\ProgramData\Mathematica\Applications, ., C:\Users\drorb,
 C:\Program Files\Wolfram Research\Mathematica\14.0\AddOns\Packages,
 C:\Program Files\Wolfram Research\Mathematica\14.0\SystemFiles\Autoload,
 C:\Program Files\Wolfram Research\Mathematica\14.0\AddOns\Autoload,
 C:\Program Files\Wolfram Research\Mathematica\14.0\AddOns\Applications,
 C:\Program Files\Wolfram Research\Mathematica\14.0\AddOns\ExtraPackages,
 C:\Program Files\Wolfram Research\Mathematica\14.0\SystemFiles\Kernel\Packages,
 C:\Program Files\Wolfram Research\Mathematica\14.0\Documentation\English\System,
 C:\Program Files\Wolfram Research\Mathematica\14.0\SystemFiles\Data\ICC, C:\Program
 Files\Wolfram Research\Mathematica\14.0\Documentation\ChineseSimplified\System}
```

```
In[*]:= SetDirectory["C:\\drorbn\\AcademicPensieve\\Projects"]
```

```
Out[*]=
```

```
C:\drorbn\AcademicPensieve\Projects
```

In[]:= **System`KnotTheoryDirectory [] =**
"C:\\drorbn\\AcademicPensieve\\Projects\\KnotTheory\\KnotTheory"

Out[]:=
 C:\drorbn\AcademicPensieve\Projects\KnotTheory\KnotTheory

In[]:= << **KnotTheory`**
⋯ **Get:** Cannot open KnotTheory`.

Out[]:=
\$Failed

In[]:= << **KnotTheory/KnotTheory/init.m**
 C:\drorbn\AcademicPensieve\Projects\KnotTheory
 Could not figure out KnotTheoryDirectory [] - some functionality
 will be missing. See https://katlas.org/wiki/Setup#Setting_the_Path
 Loading KnotTheory` version of February 2, 2020, 10:53:45.2097.
 Read more at <http://katlas.org/wiki/KnotTheory>.

In[]:= **Jones [Knot [3, 1]] [q]**
⋯ **Get:** ParentDirectory[] in \$Path is not a string.
⋯ **Get:** ParentDirectory[] in \$Path is not a string.
⋯ **Get:** Cannot open KnotTheory`Jones4Knots`.
⋯ **Needs:** Context KnotTheory`Jones4Knots` was not created when Needs was evaluated.
⋯ **Get:** ParentDirectory[] in \$Path is not a string.
⋯ **General:** Further output of Get::path will be suppressed during this calculation.
⋯ **Get:** Cannot open KnotTheory`PD4Knots`.
⋯ **Needs:** Context KnotTheory`PD4Knots` was not created when Needs was evaluated.

Out[]:=

$$\frac{\sqrt{q} \text{Knot}[3, 1]}{1 + q}$$