

# Statikz

Source code at:

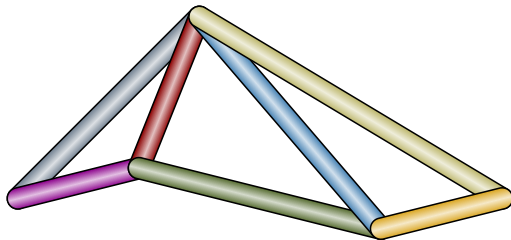
<https://github.com/dmorgorg/nuLaTeX/blob/master/statikz2020/>

Last updated on November 18, 2022

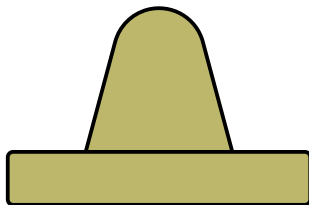
# Table of Contents

- 1 Tikz Components
- 2 Misc Bits
- 3 Math Review
- 4 Forces & Components
- 5 Frames & Machines
- 6 Machines

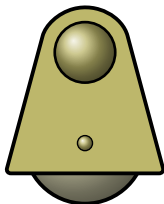
```
\Member{startpt}{endpt}{outer}{inner}{stroke}{height}{radius}{line width}
```



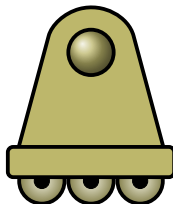
```
\PinnedConnection[rotate=0]{coordinate}{fill}{draw}{scale}{line width}  
  
\tikz{  
  \coordinate (A) at (0,0);  
  \PinnedConnection{A}{DarkKhaki}{Black}{2}{0.5}  
}
```



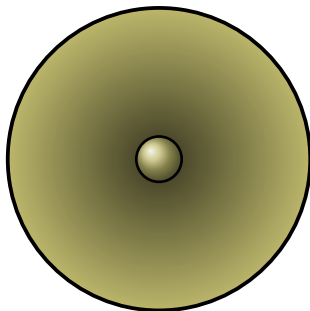
```
\RollerOne[rotate=0]{coordinate}{fill}{draw}{scale}{line width}
```



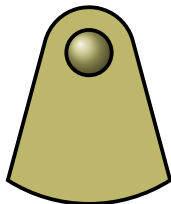
```
\RollerThree[rotate=0]{coordinate}{fill}{draw}{scale}{line width}
```



```
\RollerOnly[rotate=0]{coordinate}{fill}{draw}{scale}{line width}
```

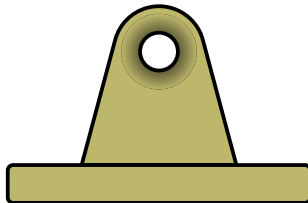


```
\Rocker[rotate=0]{coordinate}{fill}{draw}{scale}{line width}
```

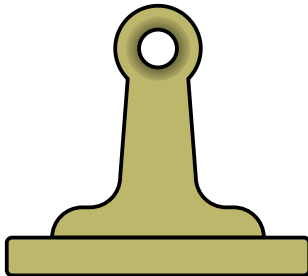




```
\EyeConnection[rotate=0]{coordinate}{fill}{draw}{scale}{line width}
```

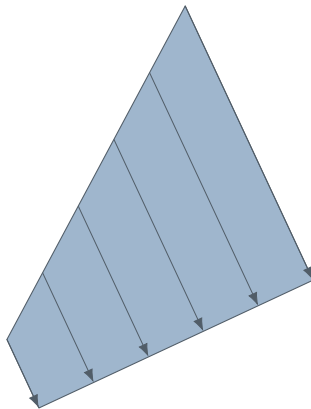


```
\EyeConnectionB[rotate=0]{coordinate}{fill}{draw}{scale}{line width}
```



```
\DLDown[rotate]{t1}{tr}{b}{fill}{draw}{spaces}{scale}{lineWidth}
```

```
\DLDown[25]{A}{B}{C}{SlateGray3}{SlateGray4!75!black}{5}{1}{0.375}
```



```
\DLUp[rotate]{t1}{tr}{b}{fill}{draw}{spaces}{scale}{lineWidth}  
\DLUp[25]{A}{B}{C}{SlateGray3}{SlateGray4!75!black}{5}{1}{0.375}
```

