

# resmes

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This package defines the `\resmes` command in order to print measure restriction symbol. For example in mathmode

`\mu\resmes A`

expands as

$$\mu \llcorner A$$

This package works also in inline math mode ( $\mu \llcorner A$ ) and in subscript/superscript environments ( $a^{\mu \llcorner A}, b_{c\mu \llcorner A}$ ).

## 1 Implementation

```
1 <*package>
2
3 \NewDocumentCommand{\ress@D}{-}{
4   \tikz{\draw[thick, join=round, cap=round] (0.24, 0) -- (0,0) -- (0, 0.24);}}
5 \NewDocumentCommand{\ress@T}{-}{
6   \tikz{\draw[semithick, join=round, cap=round] (0.23, 0) -- (0,0) -- (0, 0.23);}}
7 \NewDocumentCommand{\ress@S}{-}{
8   \,\tikz{\draw[thin, join=round] (0.154, 0) -- (0,0) -- (0, 0.154);}}
9 \NewDocumentCommand{\ress@SS}{-}{
10  \tikz{\draw[very thin, join=round] (0.11, 0) -- (0,0) -- (0, 0.11);}}
11
12 \NewDocumentCommand{\resmes}{-}{
13   \mathchoice{\mathbin{\ress@D}}{\mathbin{\ress@T}}
14   {\mathbin{\ress@S}}{\mathbin{\ress@SS}}
15
16 </package>
```