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Sigma tweak

A sum operator that adjusts its width automatically to the widest subscript or superscript – perhaps completely useless ;-)

Note: pdfTeX is required for clipping; you may wish to use other tools for this purpose defining the parts of the symbol:

```
\def\SIGMAleft{\copy0 }
\def\SIGMAright{\copy1 }
\def\SIGMAcenter{\copy2 }
```

preparing the parts of the symbol:

```
\setbox0\hbox{\tenex \char88\kern-.6em}
\setbox1\hbox{\kern-.8em\tenex \char88}
\setbox2\hbox{\hbox{\kern-.8em\tenex \char88\kern-.6em}}
```

clipping:

```
\pdfxform0 \setbox0\hbox{\pdfrefxform\pdflastxform}
\pdfxform1 \setbox1\hbox{\pdfrefxform\pdflastxform}
\pdfxform2 \setbox2\hbox{\pdfrefxform\pdflastxform}
```

assembling:

```
\def\SIGMA{%
  \mathop{\hbox{\SIGMAleft \kern-.1em
  \xleaders\SIGMAcenter\hfill
  \kern-.1em\SIGMAright}}\limits}% with \nolimits behaves ‘‘traditionally’’
```

usage:

```
$ \SIGMA^{\rm a}\quad
  \SIGMA^{\rm sum}\quad
  \SIGMA^{\rm operator}\quad
  \SIGMA^{\rm that\ adjusts}\quad
  \SIGMA^{\rm its\ width\ automatically}
  _{\rm to\ the\ widest\ subscript\ or\ superscript}
$
```

As a result we get:

a	sum	operator	that adjusts	its width automatically
\sum	\sum	\sum	\sum	\sum
				to the widest subscript or superscript