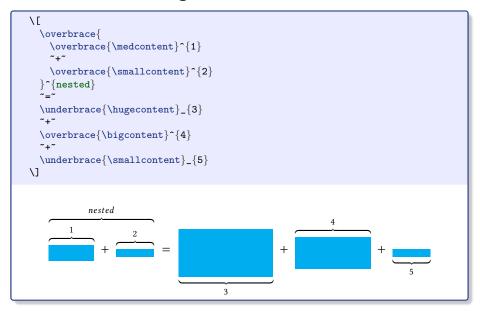
Test of the bracealign package compatibility with the libertinust1math package

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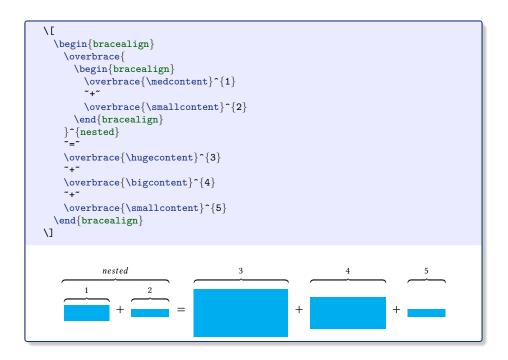
April 8, 2025

1 \underbrace / \overbrace

1.1 Without bracealign

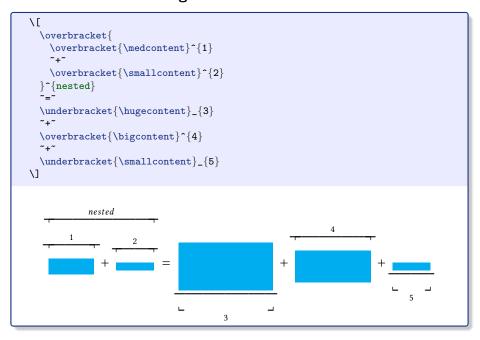


1.2 With bracealign



\underbracket / \overbracket

2.1 Without bracealign



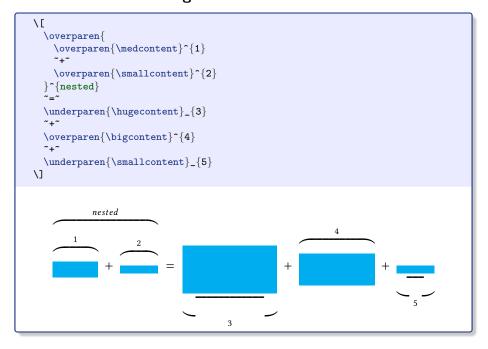
2.2 With bracealign



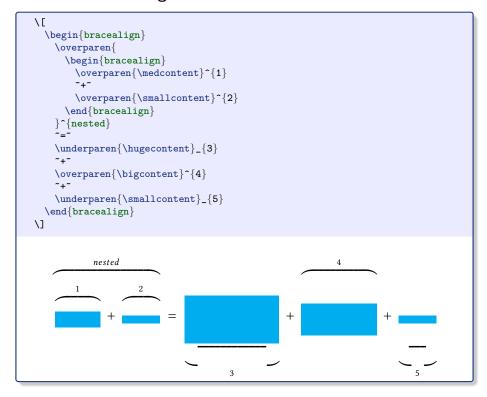
```
١[
  \begin{bracealign}
    \underbracket{
      \begin{bracealign}
        \underbracket{\medcontent}_{1}
        \underbracket{\smallcontent}_{2}
      \end{bracealign}
    }_{nested}
~=~
    \displaystyle \operatorname{\underline{\hugecontent}}_{3}
    ~+~
    \verb|\underbracket{\bigcontent}_{4}|
    \verb|\underbracket| \verb|\smallcontent||_{\{5\}}
  \verb|\end{bracealign}|
\]
                                           3
                                                                  4
             nested
```

\underparen / \overbracket

3.1 Without bracealign



3.2 With bracealign



```
١[
  \begin{bracealign}
    \underparen{
       \verb|\begin{bracealign}|
         \underparen{\medcontent}_{1}
         \verb|\underparen| \{\verb|\small| content|\}_{2}|
       \verb|\end{bracealign}|
    }_{nested}
~=~
    \verb|\underparen| \verb|\hugecontent||_{\{3\}}
    ~+~
    \verb|\underparen{\bigcontent}_{4}|
    \verb|\underparen{\smallcontent}_{-}\{5\}|
  \end{bracealign}
\]
                                             3
             nested
```

3.3 Check of commands definition

3.4 \underbrace

```
Before \textsf{bracealign}:\newline
  "\expandafter\meaning\csname underbrace\endcsname"
  \par\bigskip
  \begin{bracealign}
   Inside \textsf{bracealign}:\newline
   "\expandafter\meaning\csname underbrace\endcsname"
 \end{bracealign}
 \par\bigskip
 Before \textsf{bracealign}:\newline
  "\expandafter\meaning\csname underbrace\endcsname"
Before bracealign:
               "macro:#1-¿"libus@underbrace -brace"-#1""
Inside bracealign:
 ""long macro:#1-; "use:c -"bracealign underbrace std cmd:n"-"vphantom
         -"tl'use:c -l''bracealign'underbrace'strutcontent'tl""#1""
Before bracealign:
               "macro:#1-¿"libus@underbrace -brace"-#1""
```

3.5 \underbracket

```
Before \textsf{bracealign}:\newline
  ''\expandafter\meaning\csname underbracket\endcsname"
  \par\bigskip
 \begin{bracealign}
   Inside \textsf{bracealign}:\newline
   "\expandafter\meaning\csname underbracket\endcsname"
 \end{bracealign}
  \par\bigskip
 Before \textsf{bracealign}:\newline
  "\expandafter\meaning\csname underbracket\endcsname"
Before bracealign:
              "macro:#1-; "libus@underbrace -bracket"-#1""
Inside bracealign:
""long macro:#1-; "use:c – "bracealign underbracket std cmd:n "– "vphantom
        -"tl'use:c -l''bracealign'underbracket'strutcontent'tl""#1""
Before bracealign:
              "macro:#1-¿"libus@underbrace -bracket"-#1""
```

3.6 \underparen

```
Before \textsf{bracealign}:\newline
  ''\expandafter\meaning\csname underparen\endcsname"
  \par\bigskip
  \begin{bracealign}
   Inside \textsf{bracealign}:\newline
''\expandafter\meaning\csname underparen\endcsname"
  \end{bracealign}
  \par\bigskip
 Before \textsf{bracealign}:\newline
  ''\expandafter\meaning\csname underparen\endcsname"
Before bracealign:
                "macro:#1-; "libus@underbrace -paren"-#1""
{\rm Inside} \,\, {\rm bracealign};
 ""long macro:#1-; "use:c – "bracealign underparen std cmd:n "– "vphantom
          -"tl'use:c -l''bracealign'underparen'strutcontent'tl""#1""
Before bracealign:
                "macro:#1-; "libus@underbrace –paren"–#1""
```