



 ${ }^{\circ}$

トゥbionnl

$$
\text { sै } \frac{2}{3}
$$



\[

\]

$$
\text { \& } \stackrel{c}{c}_{5}^{x}
$$

$$
x 川 1
$$

$$
\begin{array}{ll}
0 & 5 \\
0 & 3 \\
\vdots & 0 \\
5 & 0 \\
\stackrel{3}{3} & 1 \\
9 & d \\
\xi & 1
\end{array}
$$




$\frac{\text { Example：}}{\text { is Haar measur }}$
Haar is te
De
$\Leftrightarrow$
－$x^{-} 4^{\circ} 4^{\sigma} 4^{\sigma}$
Alternat
J
in all
components.

|  | 7 |  |
| :--- | :--- | :--- |
| $\gamma$ | 3 | 3 |
| + | 3 | $\xi$ |

$$
\begin{aligned}
& 5 \\
& 0 \\
& \underset{0}{5} \\
& 0
\end{aligned}
$$

$$
\begin{array}{lll}
0 & 5 & C_{s}^{s} \\
11 & F & \delta \\
0 & \uparrow & +s^{s} \\
\sim^{\gamma} & F & 0
\end{array}
$$

$$
\begin{array}{r}
.01100 .0 \\
+.010000 \\
\hline .0001000
\end{array}
$$

Example: The adding machine (informally द)
Let $\sum_{2}^{+}$have the addition given
with carrying
+.01100 .0
+.010000

$$
\begin{array}{ccccc|c}
s & & & 0 & 0 & - \\
5 & \alpha & & - & 0 & 0 \\
5 & - & & - & - & 0 \\
0 & \alpha & \infty & 0 & 0 & 0 \\
0 & -\infty & \frac{5}{5} & 0 & 1 & 0 \\
\alpha & 1 & \frac{2}{2} & & f &
\end{array}
$$


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 $\theta$



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