Sonderblatt 1: Gauss−Integral

In[1]:=
```
Integrate[Exp[-p (t + c)^2], {t, -Infinity, Infinity}]
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Out[1]=
$$\text{If}\left[\text{Re}[p] > 0,\ \frac{\sqrt{\pi}}{\sqrt{p}},\ \text{Integrate}\left[e^{-p\,(c+t)^2},\ \{t,\ -\infty,\ \infty\},\ \text{Assumptions} \to \text{Re}[p] \le 0\right]\right]$$