

## Begriffsschrift examples

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if p then q:

$\vdash^q_p$

and with a content stroke instead of assertion:

$$f \left( \begin{smallmatrix} q \\ p \end{smallmatrix} \right)$$

from Frege's correspondence with Russell (a version of basic law V):

$$\vdash (\epsilon f(\epsilon) = \alpha g(\alpha)) = \text{_____} \left( \begin{array}{l} f(\alpha) = g(\alpha) \\ \alpha = \epsilon f(\epsilon) \\ \alpha = \alpha g(\alpha) \end{array} \right)$$

from Russell's correspondence with Frege:

$$T = \beta \dot{\gamma} \varphi$$

the Geach-Kaplan sentence (thanks to Marcus Rossberg):

That's all folks