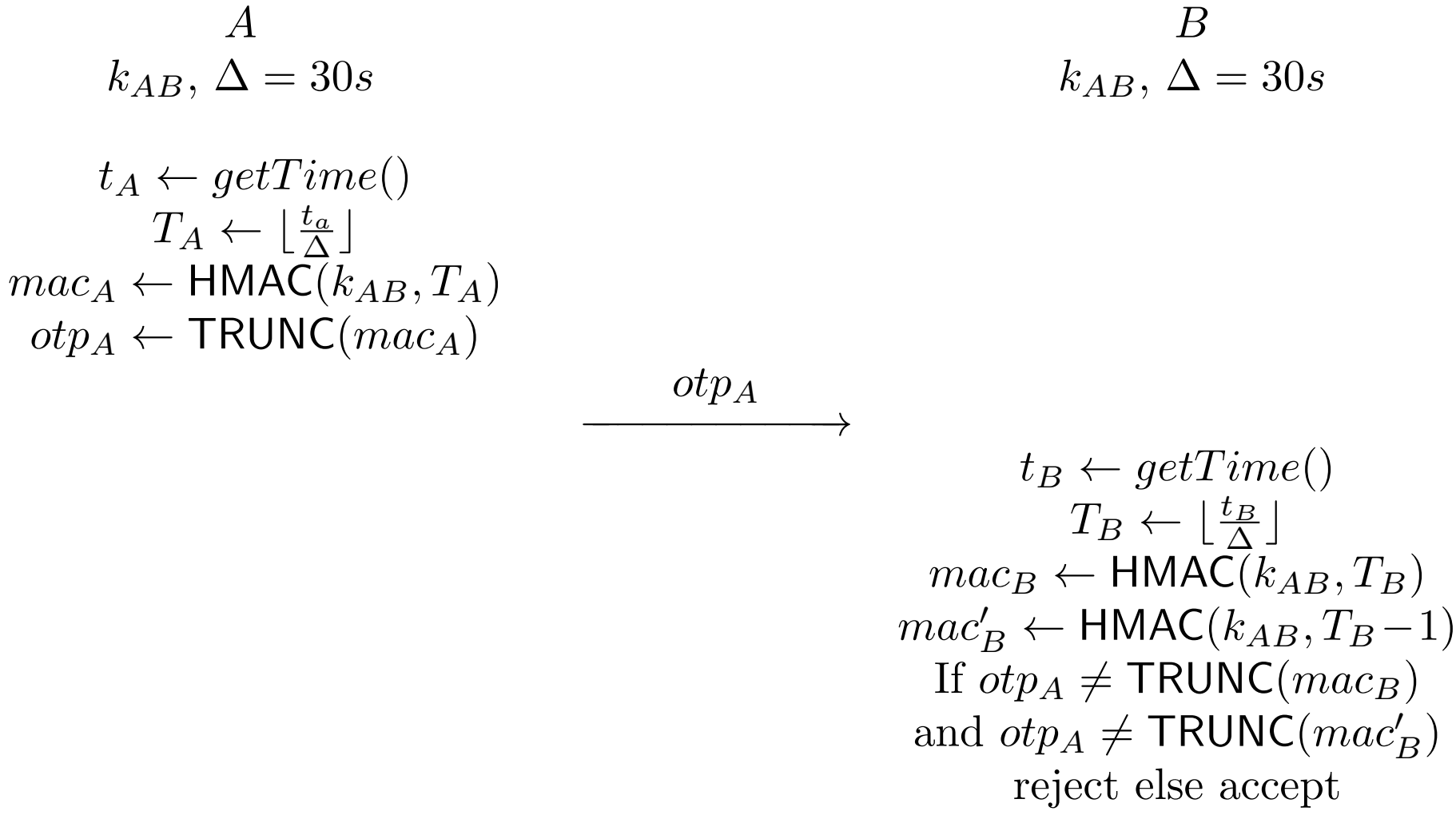
A
k_{AB}, $\Delta = 30s$
$t_A \leftarrow getTime()$
$T_A \leftarrow \lfloor \frac{t_a}{\Delta} \rfloor$
$mac_A \leftarrow \mathsf{HMAC}(k_{AB}, T_A)$
$otp_A \leftarrow \mathsf{TRUNC}(mac_A)$
otp_A
B
k_{AB}, $\Delta = 30s$
$t_B \leftarrow getTime()$
$T_B \leftarrow \lfloor \frac{t_B}{\Delta} \rfloor$
$mac_B \leftarrow \mathsf{HMAC}(k_{AB}, T_B)$
$mac'_B \leftarrow \mathsf{HMAC}(k_{AB}, T_B - 1)$
If $otp_A \neq \mathsf{TRUNC}(mac_B)$
and $otp_A \neq \mathsf{TRUNC}(mac'_B)$
reject else accept