



The intention is to calculate the fudge factor  $ff$  to be added to the local time to get the remote time, i.e. the difference between  $rd$  and  $ld$ . We assume all delays are symmetrical. The remote transmission timestamp is assumed to be generated half way through the remote processing time.

We have two equations:

$ld + ff = rd$ . by definition

$rd = rr - ((lr - ld) - (rt - rr)) / 2$ . by symmetry

thus  $ff + ld = rr - ((lr - ld) - (rt - rr)) / 2$

or:  $ff = rr - ld - ((lr - ld) - (rt - rr)) / 2$