

SMExsheet
Exercise sheet XX

Lecturer name
Organizer name

TU Braunschweig
Winter term 2017/18

Out: January 17

Due: January 23

Submit your solutions until **Tuesday, January 23**, during the lecture.

Exercise 1: Exercise name

Consider two traces $\tau = a.a.b.\gamma$ and $\tau' = a'.a.\beta.b.\gamma'$ where $\text{thread}(c) \neq \text{thread}(a)$ and $\text{thread}(c) \neq \text{thread}(b)$ for all c in β . Prove the following:

If $a \rightarrow_{\text{hb}} b$ in $\text{TraceTSO}(\tau)$ then $a \rightarrow_{\text{hb}}^+ b$ in $\text{TraceTSO}(\tau')$.

Exercise (Exercise without number). *Do something stupid!*

Exercise 2: Exercise with number

Do something clever?