

OPPONENT

PROPONENT

(TND): HYPOTHESIS: $a \parallel \sim a$

(2): ?, $a \rightarrow b \rightarrow a$

(4): a

(6): %%%

(1): THESIS: $a \rightarrow b \rightarrow a \rightarrow a$

(3): ?TND,

(5): a [[2]]

OPP(8): %%%

OPP(4): a

PRO(5): a [[2]]

OPP(6): %%%

```
>> declare predicate a () prefix a
==> predicate symbol: a declared
>> declare predicate b () prefix b
==> predicate symbol: b declared
>> hypothesis TND a OR NOT a
==> hypothesis: TND defined
>> thesis a SUB b SUB a SUB a
==> thesis defined
>> ==> PROOF SUCCESS
>> |
```