

## Equation assignment sequence for variable $\hat{n}^d$

| no | var | equ | quations                                                                                    | token |
|----|-----|-----|---------------------------------------------------------------------------------------------|-------|
| 10 | 23  | -   | $r_{zN} :: \text{port variable}$                                                            |       |
| 9  | 10  | -   | $r_{yN} :: \text{port variable}$                                                            |       |
| 8  | 1   | -   | $\# :: \text{port variable}$                                                                |       |
| 7  | 59  | -   | $P_{NS,AS} :: \text{port variable}$                                                         |       |
| 6  | 5   | -   | $F_{N,A} :: \text{port variable}$                                                           |       |
| 5  | 128 | -   | $D_{NS,AS} :: \text{port variable}$                                                         |       |
| 4  | 95  | 71  | $A_{yzN} := r_{yN} \cdot r_{zN}$                                                            |       |
| 3  | 54  | 137 | $k_{xNS}^d := \text{Instantiate}(k_{xNS}^d, \#)$                                            |       |
| 2  | 73  | 51  | $F_{NS,AS} := F_{N,A} \odot P_{NS,AS}$                                                      |       |
| 1  | 104 | 80  | $\hat{n}_{AS}^d := A_{yzN} \odot (-k_{xNS}^d) \cdot D_{NS,AS} \overset{NS}{\star} \mu_{NS}$ |       |
| 0  | 105 | 81  | $\hat{n}_{NS}^d := F_{NS,AS} \overset{AS}{\star} \hat{n}_{AS}^d$                            |       |