

Chapter 1

SF_Terms

The operators S and F are enough, but more may be added in future.

Inductive *operator* := | *Sop* | *Fop* .

The terms of SF-calculus are either variables (given as de Bruijn indices), operators or applications. Terms are called combinations if they do not use any variables.

Inductive *SF*: **Set** :=
| *Ref* : *nat* → *SF*
| *Op* : *operator* → *SF*
| *App* : *SF* → *SF* → *SF*
.