core_1[9,38]

COM: core_1_begin

COM: core_1_summary

COM: core_1_intro

COM: graphic chars A0-AF

COM: EndExtendedTermDForms

COM: prec_com

COM: PRIM_DISPS

ABS: Ax **axiom def**

ABS: $s = t$ **equal def**

ABS: $s \sim t$ **sqequal def**

ABS: Type **universe def**

ABS: !Void() **void def**

ABS: any **any def**

ABS: Atom **atom def**

ABS: "$token" **token def**

ABS: $\mathbb{Z}$ **int def**

ABS: Object **object def**

ABS: $n **natural_number def**

ABS: -n **minus def**

ABS: $n + m$ **add def**

ABS: n - m **subtract def**

ABS: $n * m$ **multiply def**

ABS: $n \div m$ **divide def**

ABS: n rem m **remainder def**

ABS: I(v) where I(α) =
when $x = \alpha < 0$, y = I(α+1).

$d(x;y)$
when $\alpha = 0$. $b$when $w = \alpha > 0$, $z = \mathrm{I}(\alpha\text{-}1)$. $u(w;z)$end where

ind def

ABS: *type* List **list def**

ABS: [] **nil def**

ABS: [*car* / *cdr*] **cons def**

ABS: rec-case(a) of [] => s | x::y => $z.t(x;y;z)$ **list_ind def**

ABS: *left* + *right* **union def**

ABS: inl x **inl def**

ABS: inr x **inr def**

ABS: case b of inl(x) => $s(x)$ | inr(y) => $t(y)$ **decide def**

ABS: $x{:}A \times B(x)$ **product def**

ABS: <a, b> **pair def**

ABS: let x,y = A in $B(x;y)$ **spread def**

ABS: $x{:}A \to B(x)$ **function def**

ABS: $\{x \mid y{:}A \to B(x;y)\}$ **rfunction def**

ABS: $\cap x{:}A.B(x)$ **isect def**

ABS: $\lambda x.A(x)$ **lambda def**

ABS: $f(a)$ **apply def**

ABS: $x,y{:}A//B(x;y)$ **quotient def**

ABS: $\{x{:}A |\ B(x)\}$ **set def**

ABS: $a < b$ **less_than def**

ABS: if a=b then c else d **atom_eq def**

ABS: if a=b then c else d **int_eq def**

ABS: if a<b then c else d **less def**

ABS: rec_ind(A;x,y.$B(x;y)$) **rec_ind def**

ABS: rec(x.$A(x)$) **rec def**

COM: LOGIC_ABS1

ABS: $t \in T$ **member**

ABS: Unit **unit**

ABS: True **true**

ABS: False **false**

ABS: $P \wedge Q$ **and**

ABS: $P \vee Q$ **or**

ABS: $P \Rightarrow Q$ **implies**

ABS: $P \Leftarrow Q$ **rev_implies**

ABS: $\downarrow T$ **squash**

ABS: $\neg A$ **not**

ABS: $a \neq b \in T$ **nequal**

ABS: $P \iff Q$ **iff**

ABS: $\exists x{:}A.\ B(x)$ **exists**

ABS: $\downarrow \exists x{:}A.\ B(x)$ **sq_exists**

ABS: $\forall x{:}A.\ B(x)$ **all**

COM: INT_ABS1

ABS: $A \leq B$ **le**

ABS: $i \geq j$ **ge**

ABS: $i > j$ **gt**

COM: subtype_com

ABS: $S \subseteq T$ **subtype**

COM: core_1_end

http://www.nuprl.org/FDLcontent/p0_359040_/p8_1609_{core_1}.html