| Signature: (/zero, succ^, *2), < even 1, add1, =2) |
|--|
| F= \frac{1}{2} \rightarrow \text{ add (suc (2))} |
| any model for the above signature will be of the form: |
| M= (D, (Fzero, Fsoc, F*), Keren, Rodd, K=>) |
| where $F_{zero} \in D^1$ $F_{sec} \in D^1 \rightarrow D$ $F_{add} \subseteq D^1$ $F_{\#} \in D^2 \rightarrow D$ |
| Force & Dr. D Sold SD. |
| |
| Here is an example of such a model let $D = N$ Free = 0 $\in N^{1} - N$ Reven = $\frac{1}{2}\langle 0 \rangle \frac{1}{3}$ Free = $\frac{1}{2}\langle 0 \rangle \frac{1}{3}$ Radd = $\frac{1}{2}\langle 0 \rangle \frac{1}{3}$ The succession of the such as $\frac{1}{2}\langle 0 \rangle \frac{1}{3}$ The succession of the such as $\frac{1}{2}\langle 0 \rangle \frac{1}{3}\langle 0 \rangle \frac{1}\langle 0 \rangle \frac{1}{3}\langle 0 \rangle $ |
| Per D=N Fzero = 0 EN1-N Reven = 2(0) |
| Fruc = (N+> N+1 (which we write as +1) Radd = Ø - C N1 |
| Tx = (n,m) +>n xm (which we write as *) R= = \$ _ N2 |
| we call his model M2: M2= <in, *="" <0,+1,="">, <\{0>}, \$\phi, \$\phi>></in,> |
| 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - |
| According to a model of the form M, the meaning of Fis: for all n & D, i) <n> & Reven then < Force <n> & Rodd</n></n> |
| Therefore the meaning of Forced is to M. is: |
| Therefore the meaning of Faccording to Mz is: for all n & N in faccording to Mz is: Syncplacing Reven is Exos) then 20+1> Explacing Reven is Exos) Rodd in & True ms +1 |
| which is equivalent to |
| brall n EN, i) n=0 then n+1E\$ |
| which is Palse: take n=0, n+1 is not in of (nothing is in of) |
| |
| |
| |
| |
| |
| |
| |