

t8\_finance1  
(TMEyFcVXm5fhoCM8ttQKJrVPKfRz8c1Tghc)

October 27, 2020

Let  $v1\_xreal\_0 : \iota \Rightarrow o$  be given. Let  $m2\_subset\_1 : \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow o$  be given. Let  $k1\_rcomp\_1 : \iota \Rightarrow \iota \Rightarrow \iota$  be given. Let  $k1\_zfmisc\_1 : \iota \Rightarrow \iota$  be given. Let  $k1\_numbers : \iota$  be given. Let  $k12\_prob\_1 : \iota$  be given. Let  $k3\_prob\_1 : \iota \Rightarrow \iota \Rightarrow \iota$  be given. Let  $k2\_finance1 : \iota \Rightarrow \iota \Rightarrow \iota$  be given. Assume the following.

$$\forall X0.(v1\_xreal\_0 X0) \Rightarrow (\forall X1.(v1\_xreal\_0 X1) \Rightarrow (k3\_prob\_1 k1\_numbers (k2\_finance1 X0 X1) = k1\_rcomp\_1 X0 X1)) \quad (1)$$

Assume the following.

$$\forall X0.(v1\_xreal\_0 X0) \Rightarrow (\forall X1.(v1\_xreal\_0 X1) \Rightarrow (m2\_subset\_1 (k3\_prob\_1 k1\_numbers (k2\_finance1 X0 X1)) (k1\_zfmisc\_1 k1\_numbers) k12\_prob\_1)) \quad (2)$$

**Theorem 1**

$$\forall X0.(v1\_xreal\_0 X0) \Rightarrow (\forall X1.(v1\_xreal\_0 X1) \Rightarrow (m2\_subset\_1 (k1\_rcomp\_1 X1 X0) (k1\_zfmisc\_1 k1\_numbers) k12\_prob\_1))$$