

Inference at \* 1 1  
of proof for Lemma pair\_eta\_rw:

```
1. A : Type
2. B : A → Type
3. a : A
4. p1 : B(a)
⊢ <a, p1> = <a, p1>
  by (Auto_aux (first_nat 1:n) ((first_nat 1:n),(first_nat 3:n)) (first_tok :t) inil_term)
.
```