



## Corrigendum: Polymorphic Type Assignment and CPS Conversion

It has come to our attention that there is an error in the proof of Theorem 6 on page 373 of the above titled paper [1]. Specifically, the term  $e'_0$  does not type check in the system named DM as required by the theorem, because the types of the variables  $c$  and  $t$  require the type constructor  $\tau \text{ cont}$ , which is not present in the core DM system.

To repair the theorem it is sufficient to weaken condition (2) of the theorem to require that the expression  $e$  be type checked in extensions of DM and DM+ with free type-constructor variables, which are transformed to themselves by the  $cbv$  type transformation. To repair the proof, treat the required type constructor  $\text{cont}$  as a free unary type-constructor variable declared in the context along with the ordinary variables  $c$  and  $t$ . Then, after transformation, replace all occurrences of  $\tau \text{ cont}$  with  $[\tau/t]t \text{ cont} \parallel_{cbv}$ .

We are grateful to Hongwei Xi for pointing out this error.

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### Reference

1. Harper, B. and Lillibridge, M. Polymorphic type assignment and CPS conversion. *LISP and Symbolic Computation*, **6**(3/4) (1993) 361–380.