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16-1/
```

try M, finally Mz

=7 (atch M, with (1X, seg (Mz, throw X))

seg (M, Mz) = (1X, Mz) M,

where X & FU(Mz)

Resume - ISWIM

M = ... | thou M | catch M, with (1X, 1R, Mz)

Fig. 1 thou F

E[catch F[throw V] with (IX, IR, Mz)]

TO E[(Mz V) (XZ, F[Z])]

no longer forgother, turned in to

(+ 1 (R 3))

a function "reifiel context"

K:= (atch $(E, \lambda X, \lambda R, M_z, K)$ | throw(k) V:= b | clo $(\lambda X, M, E)$ | know+(K) Example (V, E, throw(K)) (E', K', M_z, R) (M_z, V) R), E', K') := search (K, ret)

search (fun (V, Ki) = 3, = 5 search (Ki, fun (V, = 2)) search (arg (E, N, Ki), = 5 search (Ki, arg (E, N, = 2)) search (re+, = 2) = <0, re+, = (= (= 4X, = 8, = 2) = 5 search (catch (E, M, Ki), = 2) = <E, Ki, M, = 6 search (catch (E, M, Ki), = 2) = <E, Ki, M, = 6 search (= 2)

< V, & E, fun (kon+(kz), k,) > H> < V, E, kz > M= ... | abort M

F[abort M] +> M

- Continuation same retired in the language

 $M = V \mid X \mid (M \mid N) \mid (o^{n} \mid M \mid ...) \mid callee M$ $V = b \mid (JX, M) \mid X =$ $E = \square \mid (E \mid N) \mid (V \mid E) \mid (o^{n} \mid V \mid ... \mid E \mid M \mid ...) \mid (allee E \mid E \mid (allee N) \mid E \mid S \mid (o^{n} \mid b \mid ...) \mid E \mid S \mid (o^{n} \mid b \mid ...) \mid E \mid S \mid (o^{n} \mid b \mid ...) \mid E \mid S \mid (o^{n} \mid b \mid ...) \mid E \mid S \mid (o^{n} \mid b \mid ...) \mid E \mid S \mid (o^{n} \mid b \mid ...) \mid E \mid S \mid (o^{n} \mid b \mid ...) \mid E \mid S \mid (o^{n} \mid b \mid ...) \mid E \mid S \mid (o^{n} \mid b \mid ...) \mid E \mid S \mid (o^{n} \mid b \mid ...) \mid (o^{n} \mid V \mid ...) \mid E \mid S \mid (o^{n} \mid b \mid ...) \mid (o^{n} \mid V \mid ...) \mid (o^{n} \mid V$

Trateh M. with (1X. Mz)? Throw M?

=> cather fraktrows Mp.

called (1K.

let THROW = (1X. (K Mz)) in

M.)

E[(KE') V] HO E'[V]

& forgotten

called = call with coment continuation