

```
a)
map::(a -> b) -> [a] ->[b]
   iterate:: (c->c) -> c -> [c]
   gesucht: map iterate, y ([a] ->[b])
                           \{a\rightarrow 5 \neq (c\rightarrow c) \rightarrow c \rightarrow [c]\}
                           \{\alpha = (c \rightarrow c), \beta = c \rightarrow [c]\}
   (a → (c-),
                            Ø
    b + c ->[c]}
  es map iterate:: [c-sc]->[c-s[c]
b) gesucht: iterate map, y (c ->[c])
                           {c->c = (0>5)->[a]->[b]}
                           [c-)(a-)b),c-)[a]-)[b]}
 {c ← (a-5)}
                           (a -> 5 = [a] -> [b]}
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[{ a \(\) [a] , 5 \(\) [5]}

Occurs check

(c-) iterate:: (c->c) -> c -> [c] flip :: (d-se-sf) -> (e-sd-sf) const: g - h - g iterate flip const gesucht: 7 ([c]) {c->c = (d->e->f)-> (e->d->f) c = g - 34 - 3 g} {c= (d-e-), c= (e-d-)f), c=g->4->g3 {c → (d → e → +)} { daesfied of, d-se->fig->4->g> [die, eid, fif, + + + + + + + + + + + + d=g, e=4, f=g} (c+) (e-)e-), dese) le=e,e=g,e=4,f=9} (c+)(g-)g-)f), d+>g,e+>g) $\{g=h, f=g\}$ c=(4-4-f),d=4,e+4, {f=4} (cm) (h-h-h), d-h, esh, g g-h, f-h) =) iterate flip const :: [h-sh-sh]