

procedure copy(*cell*) :

if *cellType* is cons:

if *cell* is live and *cell* has not been copied using reachability:

 newCell = dupHeapcell(*cell*); *newCar* = copy(*cell.car*);

newCell.car = *newCar*;

newCar = copy(*cell.cdr*);

newCell.cdr = *newCar*;

else:

cell < -NULL;

else:

if *cellType* is closure and *cell* is not copied:

 newCell = copyAndMarkReachableCells(*cell*);

copyReferencesOnPrintStack();