Implementation of eliminate

```
Definition is_simplicialb (G : IFG) (r : reg) : bool :=
  r ∈ G.V ∧ is_cliqueb G[v].

Definition find_next (G : IFG) : option reg :=
  find (is_simplicialb G) G.V.

Definition eliminate_step (G : IFG) : option (reg * IFG) :=
  let* u = find_next G in Some (u, G - u).

Function eliminate (G : IFG) {measure |G.V|} : list reg :=
  match eliminate_step G with
  | Some (u, G') => in u :: (eliminate G')
  | None => []
  end.
```