



$S$  : selector  
 $G$  : generator  
 $G_p$  : singly ionized generator  
 $G_{pq}$  : doubly ionized generator  
 past :  $J < I$ , so  $S$  has already been treated as a generator  
 selector :  $S$  is a selector  
 $f_X^S$  : Excitation degree between  $X$  and  $S$

---  $X$  : loop over all possible  $X$   
 $\xrightarrow{c}$  : path taken if  $c$  is true  
 drop  $X$  : cycle loop over  $X$

[Black Box] : Filtered list of determinants to be used in the inner loop  
 [Black Circle] : Possible duplication of  $S$