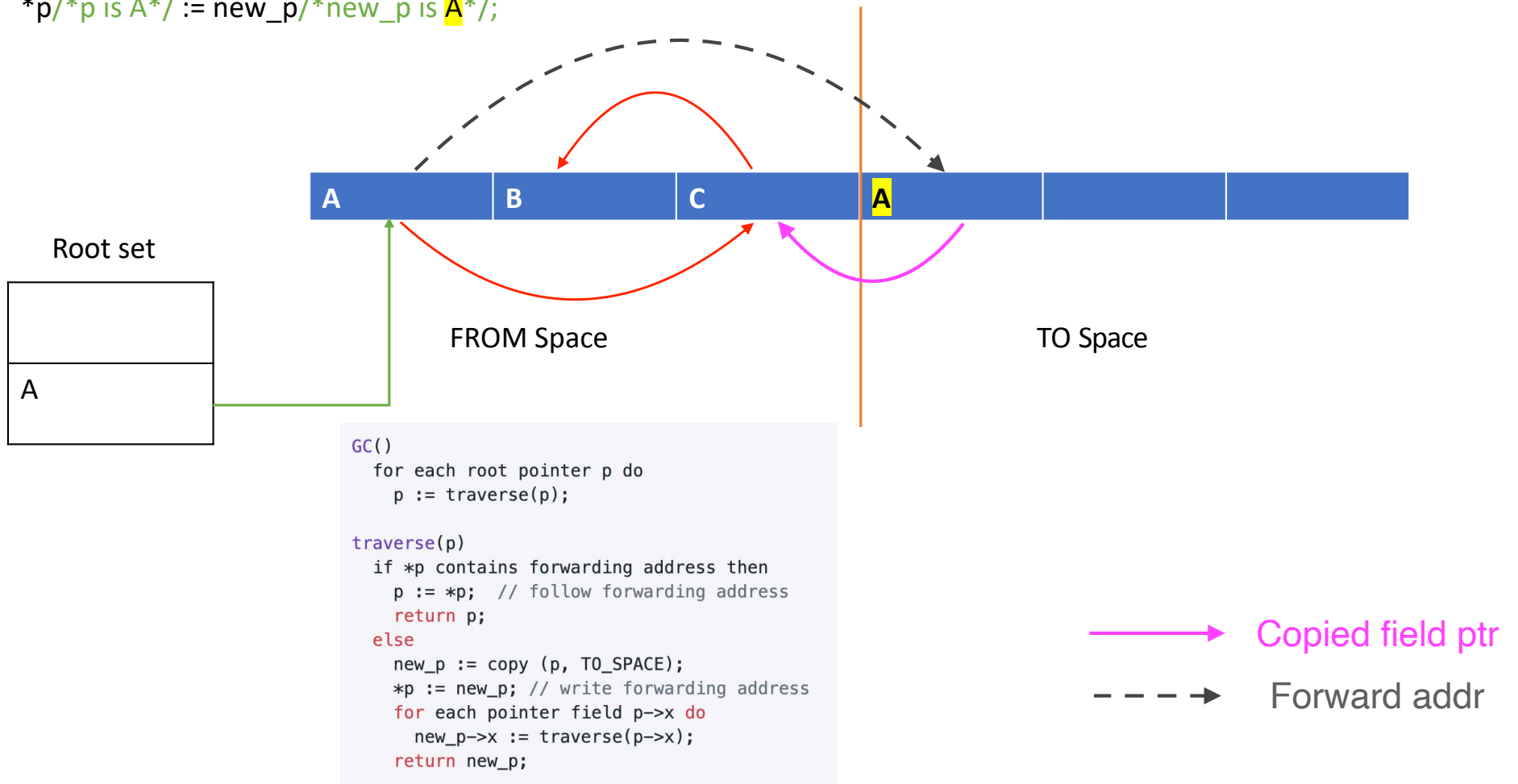


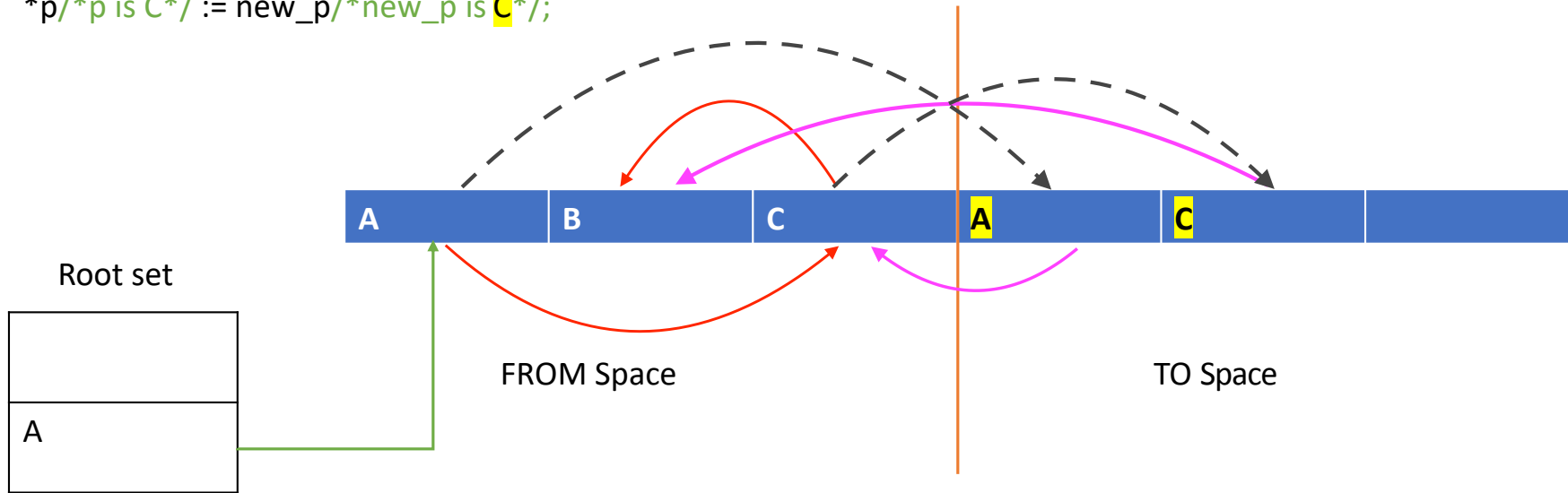
After executing:

`*p/*p is A*/ := new_p/*new_p is A*/;`



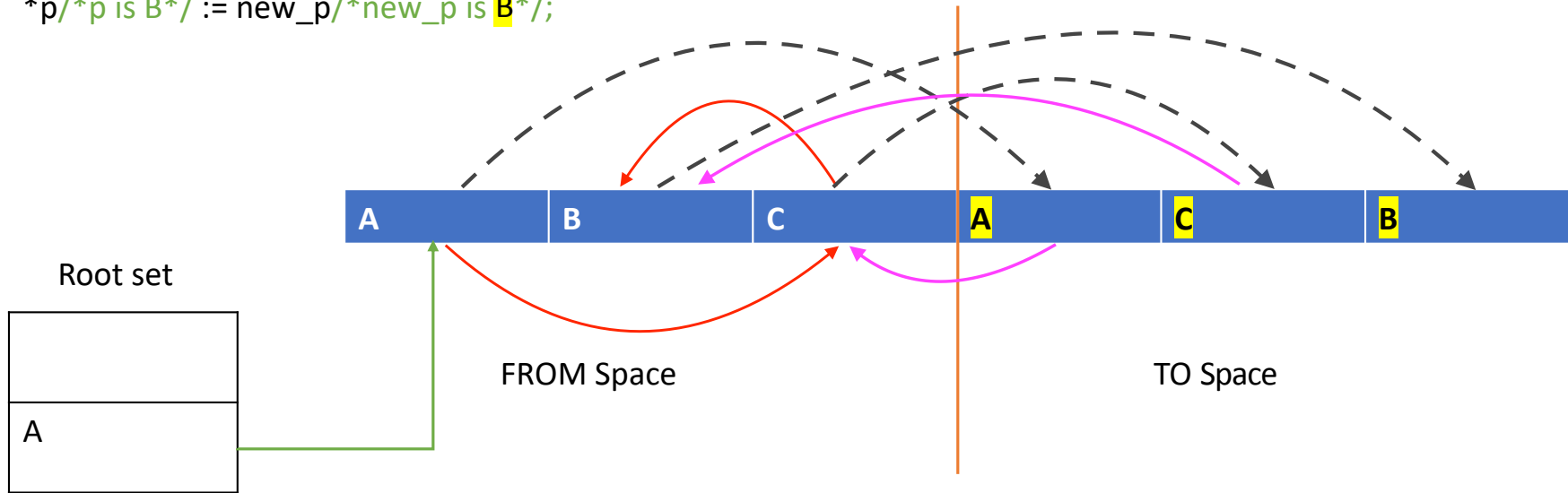
After executing:

$*p/*p \text{ is } C*/ := \text{new\_p}/*\text{new\_p is } C*/;$

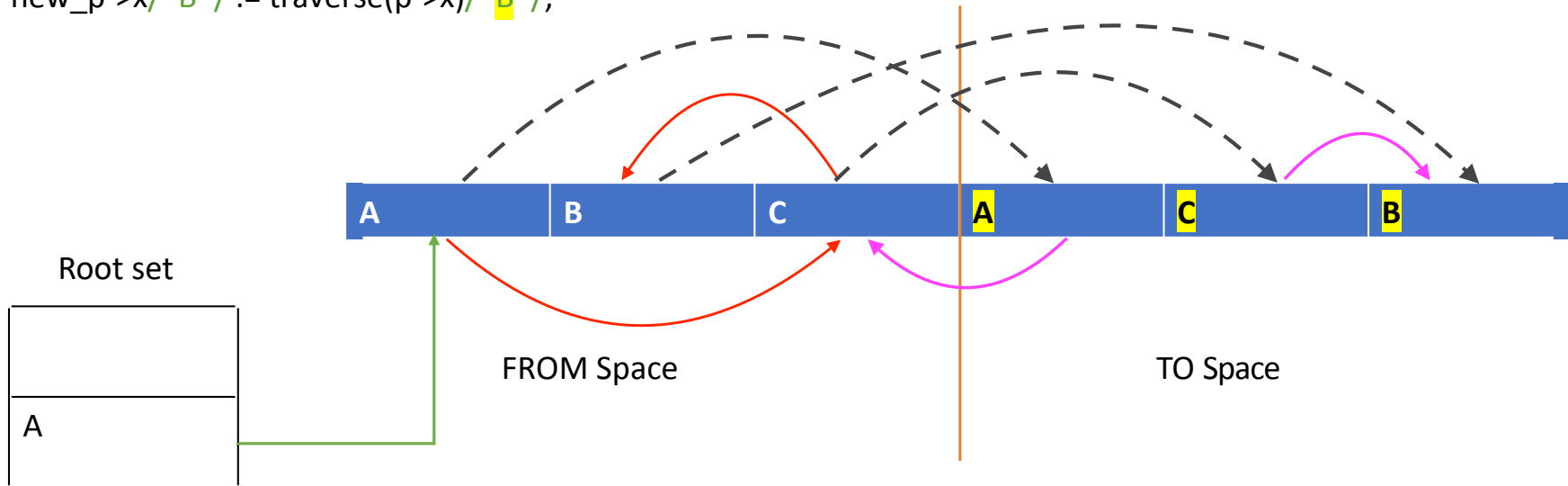


After executing:

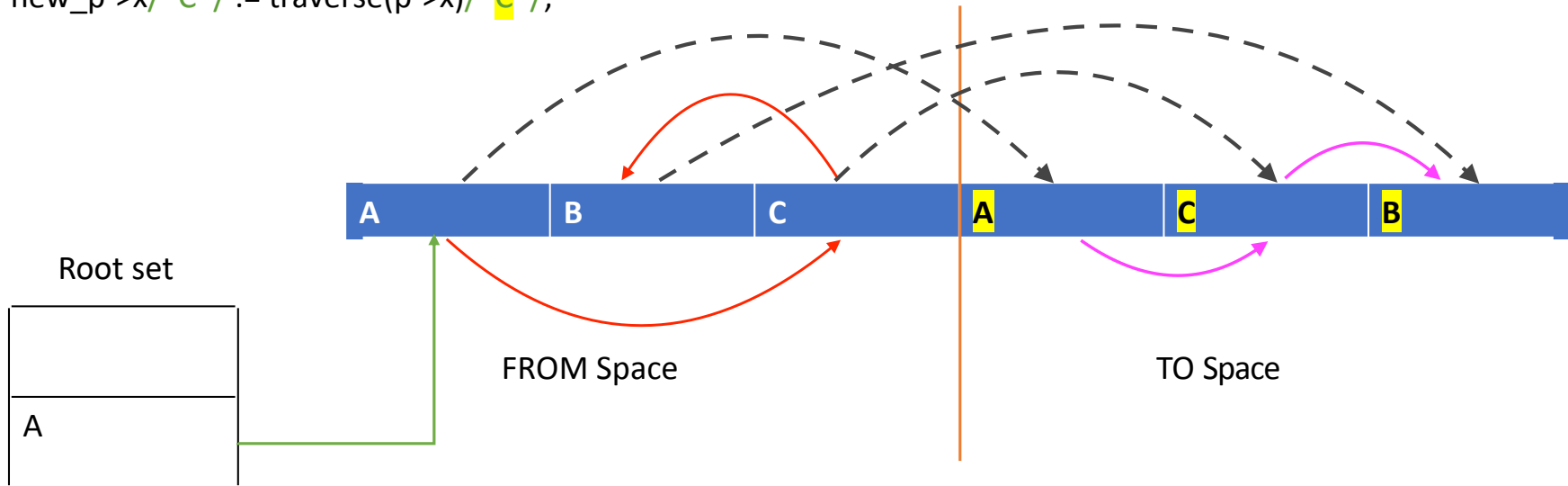
`*p/*p is B*/ := new_p/*new_p is B*/;`



After executing: */\*new\_p is C\*/*  
new\_p->x/\*B\*/ := traverse(p->x)/\*B\*/;



After executing: */\*new\_p is A\*/*  
new\_p->x/\*C\*/ := traverse(p->x)/\*C\*/;



After executing:  
`p := traverse(p);`

