

| G | | b | |
|-----|--|------|--|
| | | | |
| a | | ab | |
| | | | |

 $\phi \mapsto$

| \bar{G} | | $\phi(b)$ | |
|-----------|--|------------------|--|
| | | | |
| $\phi(a)$ | | $\phi(a)\phi(b)$ | |
| | | | |