

NAME

ca – calculate motor settings for a given point in reciprocal space

SYNOPSIS

```
ca H K L
```

DESCRIPTION

The `ca` macro prints out the calculated motor settings for the reciprocal space position given by the arguments H , K and L . After printing its information, the values in the `A[]` array and the values of the reciprocal space coordinates are restored to the current diffractometer position.

Use the `cal` macro to leave the calculated values in the `A[]` array and in H , K and L .

EXAMPLE

```
ca 1 1 1
```

SEE ALSO

```
cal mk
```