

**NAME**

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

**SYNOPSIS**

```
cal H K L
```

**DESCRIPTION**

The cal macro prints out the calculated motor settings for the reciprocal space position given by the arguments  $H$ ,  $K$  and  $L$ . In contrast to the ca macro, the cal macro does not restore the values in the A[ ] array and the values of the reciprocal space coordinates to the current diffractometer position.

**EXAMPLE**

```
cal 1 1 1
```

**SEE ALSO**

ca mk